BUILDING DEPARTMENT City of Lynwood 20816 44th Ave W. Ste 230 Lynnwood, WA 98036

FIRE DEPARTMENT City of Lynwood 20816 44th Ave W. Ste 230 Lynnwood, WA 98036

HEALTH DEPARTMENT Snohomish Health District Attn: food Section Plan Review 3020 Rucker Avenue Ste 104 Everett, WA 98201-3900

DERERRED SUBMITTAL

1. Automatic Fire Sprinkler & Fire Alarm system. 2. Sign Plans. 3.Trusses.

4.Cooler/Freeser (Shop drawings, Stuctural and load Calculations). 5. Ansul fire suppression System.6. CO2 tank for carbonated drinks.

**BUILDING DATA** 

BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE (WAC 51-50)

PLUMBING CODE: 2015 UNIFORM PLUMBING CODE (WAC 51-57)

MECHANICAL CODE: 2015 INTERNATIONAL MECHANICAL CODE (WAC 51-52)

ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE (WAC 296-46B)

FIRE CODE: 2015 INTERNATIONAL FIRE CODE (WAC 51-54)

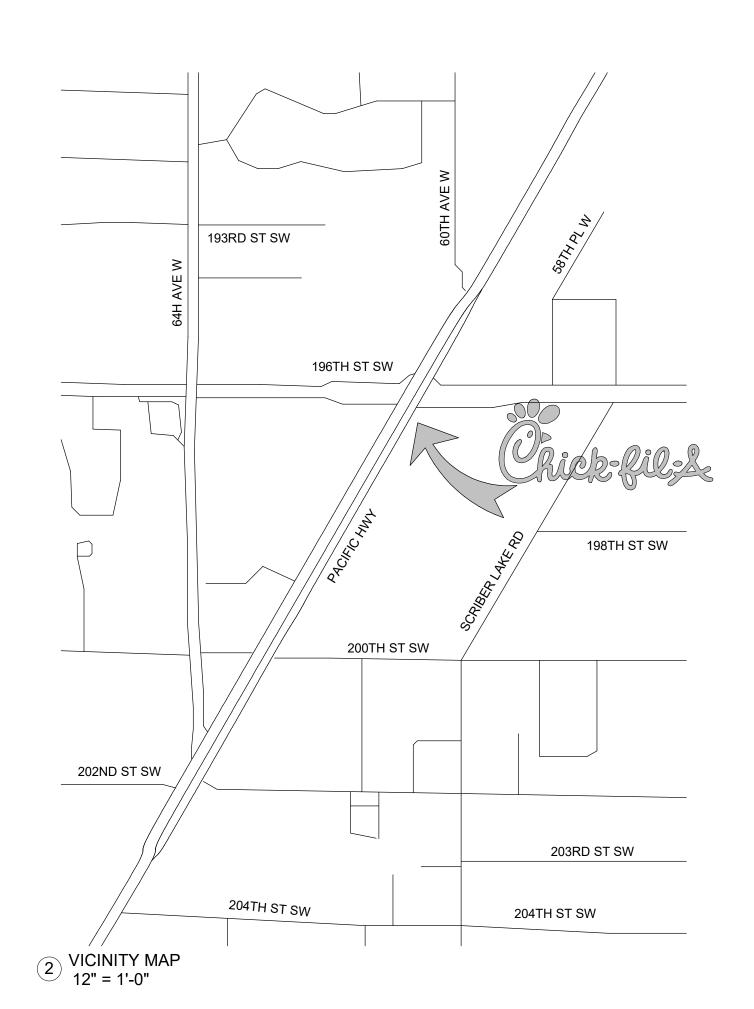
ACCESSIBILITY CODE: 2009 ICC A117.1-2009

ENERGY CODE: 2015 WASHINGTONG STATE ENERGY CODE (WAC 51-11)

See G-002L for Accessibility notes, Life Safety notes & code summaries.

**VICINITY MAP** 

**REGION: WEST** 



**ARCHITECT** WAREMALCOMB 3015 112th. Ave NE #205 Bellevue, WA 98004 P 425.670.6706 F 425.774.8219 Nony Rivera

STRUCTURAL

PROJECT FROG 99 Green St 2nd Floor San Francisco, CA 94111 P 415.814.5198 Matthew Comber mcomber@projectfrog.com

DIALETIC ENGINEERING 311 W 20th St. Suite 200 Kansas City, MO 64108 P 816.997.9627 Joe Hillebrenner ioe.hillebrenner@dialecticeng.com

CIVIL

BARGHAUSEN CONSULTING ENGINEERS, INC. 18215 72nd Avenue S Kent, WA 98032 P 425.656.7450 Jason Carey jcarey@barghausen.com

nrivera@waremalcomb.com

**LANDSCAPE** 

BARGHAUSEN CONSULTING ENGINEERS, INC. 18215 72nd avenue S Kent, WA 98032 P 425.656.7450 Jason carey jcarey@barghausen.com

MILLWORK/FURNITURE

FCC COMMERCIAL FURNITURE 8452 Old Highway 99 North Roseburg, OR 97470 Michelle Gansko michelle.gansko@fccfurn.com

# **FOOD SERVICES**

TRIMARK FOODSERVICE EQUIP. 3801 Camp Creek Pwky #1800, Ste 114 Atlanta, GA 30331 P 470.225.5026 Michelle Schoonover Design.West@strategicequipment.com G000 MEP ✓ 12" = 1'-0"



04373 P13 LE Hwy 99 & 196th

Lynnwood, WA 98036



	DESIGN NOTES APPLIED IN CURRENT PROJECT									
INCLUDED IN PROJECT	DESIGN NOTE NUMBER	DESIGN NOTE RELEASE DATE	DESCRIPTION							
Yes	2019-054	10/16/19	UPDATED TERMINIX PROCESS AND CONTACTS							
Yes	Yes 2019-057 10/30/19 NEW BEVERAGE TOWER									
Yes	2020-019	12/17/2020	PLAY AREA OPTIONS							
Yes	2020-021	12/17/2020	METAL ASSEMBLY OPTIMIZATION							
Yes	2020-024	12/17/2020	DT COCKPIT DOOR AND HVAC UPDATES							
Yes	2020-039	12/17/2020	TEAM MEMBER SPACE							
	ITEMS OF IMPORTANCE									
INCLUDED IN PROJECT ITEM NUMBER			ITEM DESCRIPTION							
Yes	1	ITEMS OF IM	PORTANCE							

\*NOTE: REVISION SCHEDULE ABOVE MAY NOT LIST REVISIONS TO ALL DISCIPLINES. REFER TO REVISED DRAWINGS FOR CHANGES TO SHEETS NOT LISTED HERE.

OCCUPANT LOAD (LE LRG)								
Name	Area	Load Factor	Occupants					
ASSEMBLY - STANDING	202 SF	5 SF	41					
ASSEMBLY - UNCONCENTRATED	1324 SF	15 SF	89					
BUSINESS	979 SF	100 SF	13					
KITCHEN	1613 SF	200 SF	9					
STORAGE	449 SF	300 SF	3					
TOTAL	4567 SF	•	155					

# **CODE SUMMARY**

1. OCCUPANCY	A2
2. CONSTRUCTION TYPE	VB
4. ALLOWABLE AREA	6,000 SQ. FT.
ACTUAL AREA (FOOTPRINT)	5,182 SQ. FT.
5. ALLOWABLE HEIGHT	40'-0"
ACTUAL HEIGHT	20'- 4 1/2"

SITE INFORMATI	ON
TOTAL PROJECT AREA: TOTAL PROPERTY AREA:	53,631 SF (1.23 AC) 48,850 SF (1.12 AC)
EXISTING PROJECT SURFACE	
TOTAL SITE AREA:	53,631 SF (1.23 AC)
	43,957 SF (1.01 AC)
TOTAL PERVIOUS AREA:	9,674 SF (0.22 AC)
PROPOSED PROJECT SURFA	
TOTAL SITE AREA:	
	48,850 SF (1.12 AC)
TOTAL IMPERVIOUS:	
BUILDING: PAVEMENT WITHIN	5,182 SF (0.12 AC)
PROPERTY LINE: PAVEMENT OUTSIDE	36,095 SF (0.83 AC)
PROPERTY LINE:	3,642 SF (0.08 AC)
TOTAL PERVIOUS AREA: WITHIN PROPERTY	8,712 SF (0.20 AC)
LINE: OUTSIDE PROPERTY	7,573 SF (0.17 AC)
LINE:	1,139 SF (0.03 AC)

SHEET		ISSUED FOR BID	ISSUED FOR PERMIT	UED FOR CONSTRUCTION						
G-000 G-001	COVER SHEET AHJ REQUIRED INFORMATION	SSI	SSI	ISSO						
G-002 G-003 G-004	ACCESSIBILITY SHEET  LIFE SAFETY PLAN  RESPONSIBILITY AND NATIONAL ACCOUNTS SCHEDULE									E
C-001 L-001	CIVIL SHEET PLACE HOLDER  LANDSCAPE SHEET PLACE HOLDER									- - -
H-101 H-102	VAPOR INTRUSION MITIGATION VAPOR INTRUSION MITIGATION									- - - -
A-100 A-101	GENERAL NOTES AND ABBREVIATIONS  SITE PLAN PATIO PLANS									
A-104 A-201 A-211	FLOOR PLAN FLOOR FINISH PLAN									- - -
A-221 A-230 A-301	REFLECTED CEILING PLAN ROOF PLAN EXTERIOR ELEVATIONS									- - -
A-401 A-402	BUILDING SECTIONS WALL SECTIONS									- - -
A-501 A-502 A-503 A-504	EXTERIOR DETAILS  EXTERIOR DETAILS  EXTERIOR DETAILS  EXTERIOR DETAILS									- - -
A-505 A-601	EXTERIOR DETAILS  EXTERIOR DETAILS  INTERIOR ELEVATIONS									- - - [
4-602 4-603 4-604	INTERIOR ELEVATIONS INTERIOR ELEVATIONS INTERIOR ELEVATIONS									1
A-605 A-620 A-621	INTERIOR ELEVATIONS INTERIOR DETAILS INTERIOR DETAILS									1
A-622 A-701	INTERIOR DETAILS  RESTROOM PLAN AND ELEVATIONS									1
A-801	DOOR AND HARDWARE SCHEDULES									1
A-901 A-901.2 A-902 A-903	SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS									
A-904 A-905 A-906 A-907	SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS									- - -
4-908 4-909 4-910 4-911	SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS									- - -
S-001 S-201L	STRUCTURAL NOTES FOUNDATION PLAN									_
S-211L S-231L S-241L S-251L	SLAB & BRICK LEDGE LAYOUT PLAN FRAMING PLAN DROPPED CEILING PLAN STRUCTURAL ELEVATIONS									
S-300 S-301 S-401 S-402 S-500	TYPICAL CONCRETE DETAILS  FOUNDATION DETAILS  REFUSE ENCLOSURE PLANS & DETAILS  SCREENING WALL DETAILS  TYPICAL STEEL FRAMING DETAILS									`         
S-501 S-600 S-601 S-602	STEEL FRAMING DETAILS  TYPICAL WOOD FRAMING DETAILS  TYPICAL WOOD FRAMING DETAILS  WOOD FRAMING DETAILS									- - -
S-610 S-800 S-801 S-901 S-902	ROOF FRAMING DETAILS TYPICAL NONSTRUCTURAL DETAILS TYPICAL NONSTRUCTURAL DETAILS STRUCTURAL SPECIFICATIONS STRUCTURAL SPECIFICATIONS									- - -
M-201 M-250 M-301	MECHANICAL FLOOR PLAN MECHANICAL ROOF PLAN HOOD DETAILS AND SCHEDULES									- - - -
M-401 M-501 M-901 MH-101	HVAC DETAILS AND SCHEDULES HVAC CONTROLS MECHANICAL SPECIFICATIONS HALTON HOOD SHOP DRAWING									- - -
P-101 P-201	BELOW SLAB PLUMBING PLAN WATER PIPING PLAN									
P-211 P-221 P-250 P-251	BEVERAGE CONDUIT PLAN  SLAB ROUGH-IN PLAN  ROOF PLAN AND DETAILS  CANOPY PLAN AND DETAILS									- - - -
P-301 P-302 P-303 P-901	DWV RISER DIAGRAM WATER RISER DIAGRAM DETAILS AND SCHEDULES PLUMBING SPECIFICATIONS									
E-001 E-002 E-003	ELECTRICAL SCHEDULES AND DETAILS ELECTRICAL SCHEDULES AND DETAILS LIGHTING AND POWER PLAN KEYNOTES									-
E-100 E-101 E-102 E-2111	ELECTRICAL SITE PLAN  ELECTRICAL SITE DETAILS  SITE PHOTOMETRIC PLAN  LIGHTING PLAN									-
E-211L E-221L E-250L E-301	LIGHTING PLAN POWER AND SYSTEMS PLAN ROOF POWER PLAN ENLARGED KITCHEN POWER PLAN									- - -
E-301 E-302 E-303	ENLARGED KITCHEN POWER PLAN  ENLARGED SERVING AND BOH POWER PLAN  DT ORDERING AREA DETAILS & REFUSE ENCLOSURE PLAN									1
E-304 E-305 E-501L	ORDER CANOPY PLAN AND DETAILS CANOPY CONTROL PANEL WIRING DIAGRAM PANEL SCHEDULES									1
E-502 E-901 E-902	SINGLE LINE DIAGRAM AND NOTES  ELECTRICAL SPECIFICATIONS  ELECTRICAL SPECIFICATIONS									
K-201 K-211	OVERALL EQUIPMENT FLOOR PLAN ENLARGED EQUIPMENT FLOOR PLAN									
<-212 <-601 <-602	ENLARGED EQUIPMENT FLOOR PLAN ELECTRICAL ROUGH-IN ELEVATIONS ELECTRICAL ROUGH-IN ELEVATIONS									
<-603 <-604 <-611 <-801	ELECTRICAL ROUGH-IN ELEVATIONS  ELECTRICAL ROUGH-IN ELEVATIONS  PLUMBING ROUGH-IN ELEVATIONS  EQUIPMENT SCHEDULE									
K-802 F-201L F-211L	FURNITURE FLOOR PLAN FURNITURE CORE DRILL PLAN									
F-701L FP-101	DECOR ELEVATIONS FIRE ALARM PLAN, NOTES AND DETAILS									_
FP-201 FP-211	FIRE PROTECTION PLAN AND GENERAL NOTES FIRE PROTECTION DETAILS	+					+			_



Chick-fil-A

**5200 Buffington Road** 

Atlanta, Georgia

30349-2998

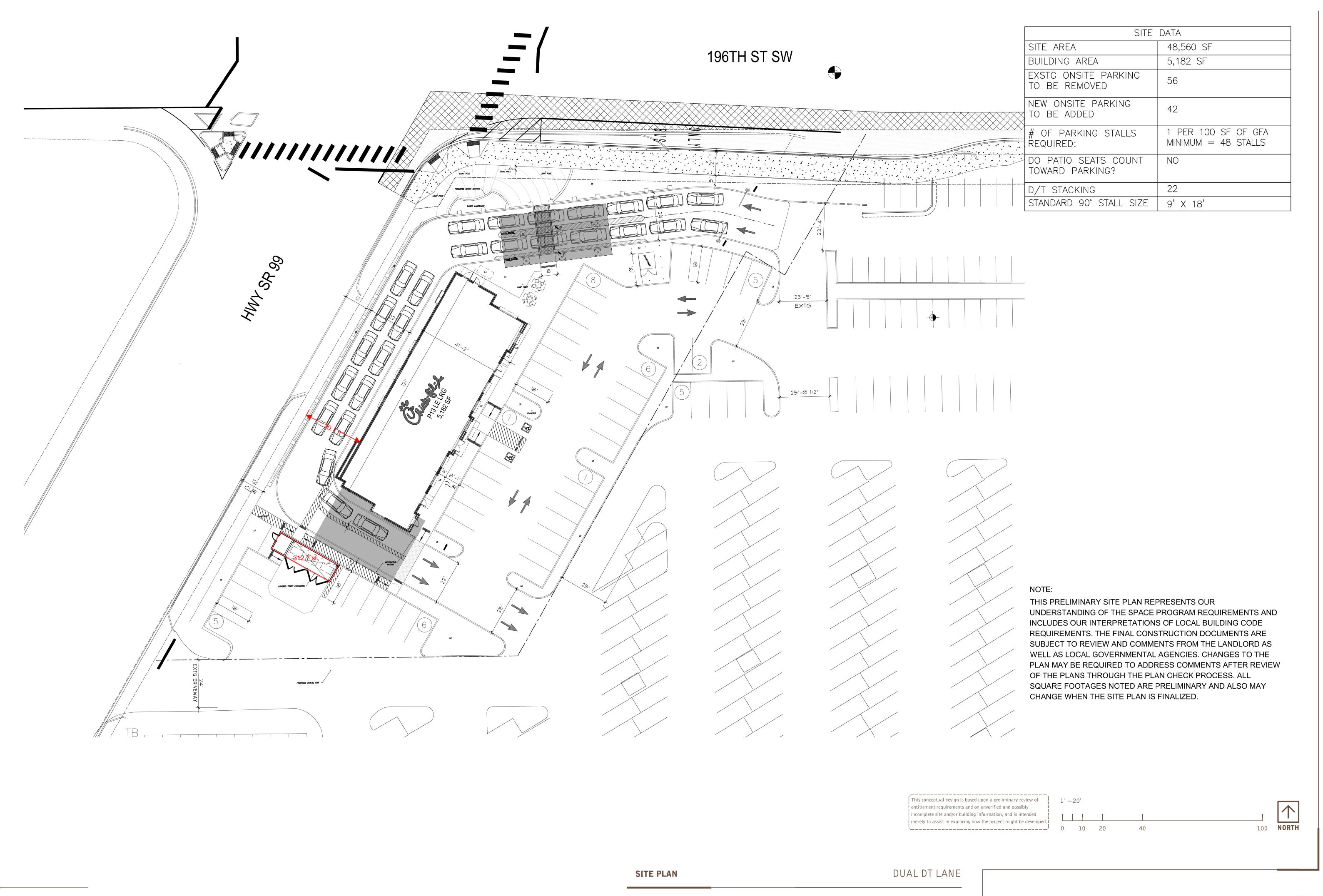
WARE MALCOMB eading Design for Commercial Real Estate

> 3015 112th Ave NE 205 Bellevue, WA 98004 P 425.670.6706 F 425.774.8219

**REVISION SCHEDULE** NO. DATE DESCRIPTION

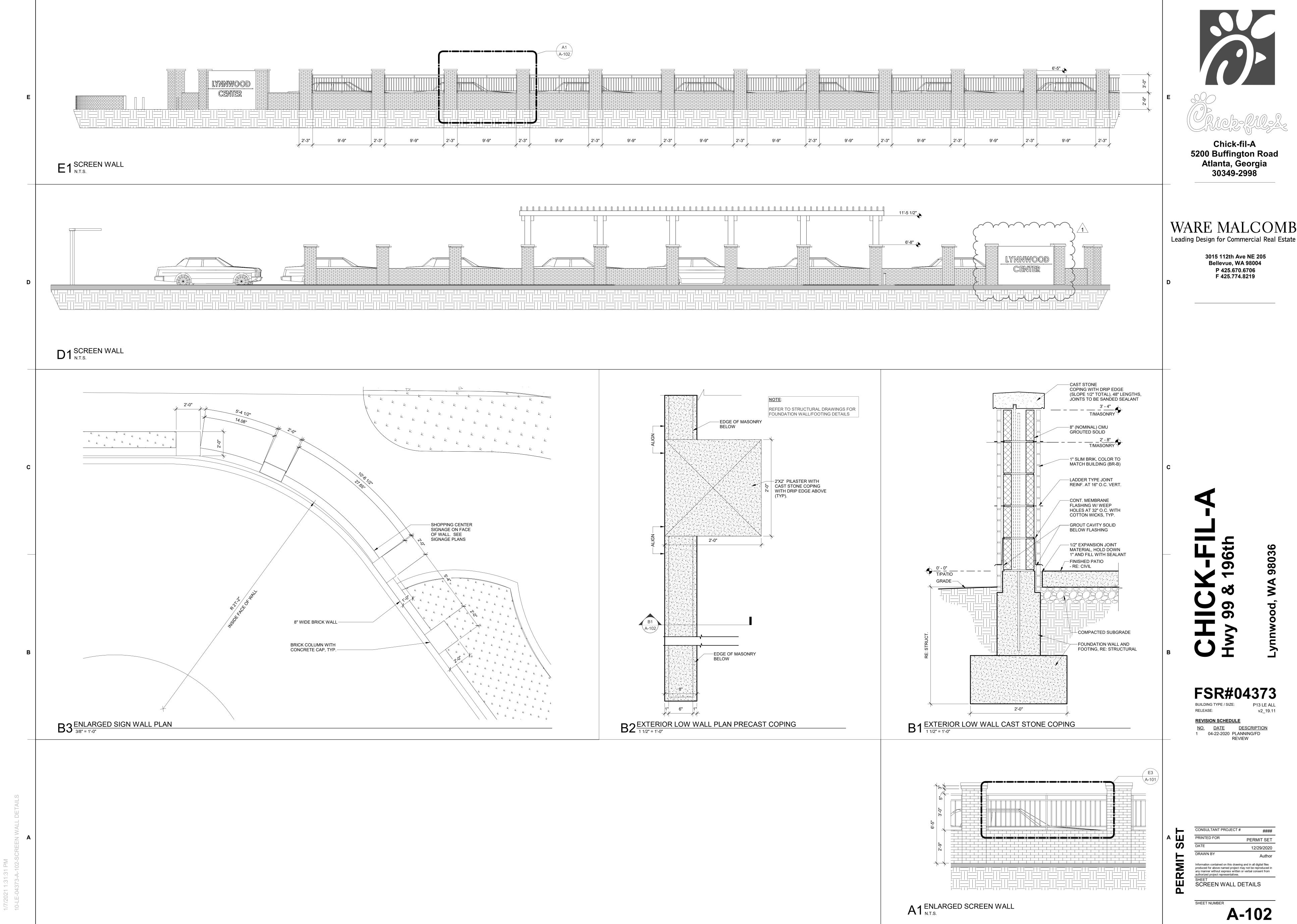
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SHEET NUMBER



04373 CFA FSR

LYNNWOOD, WA

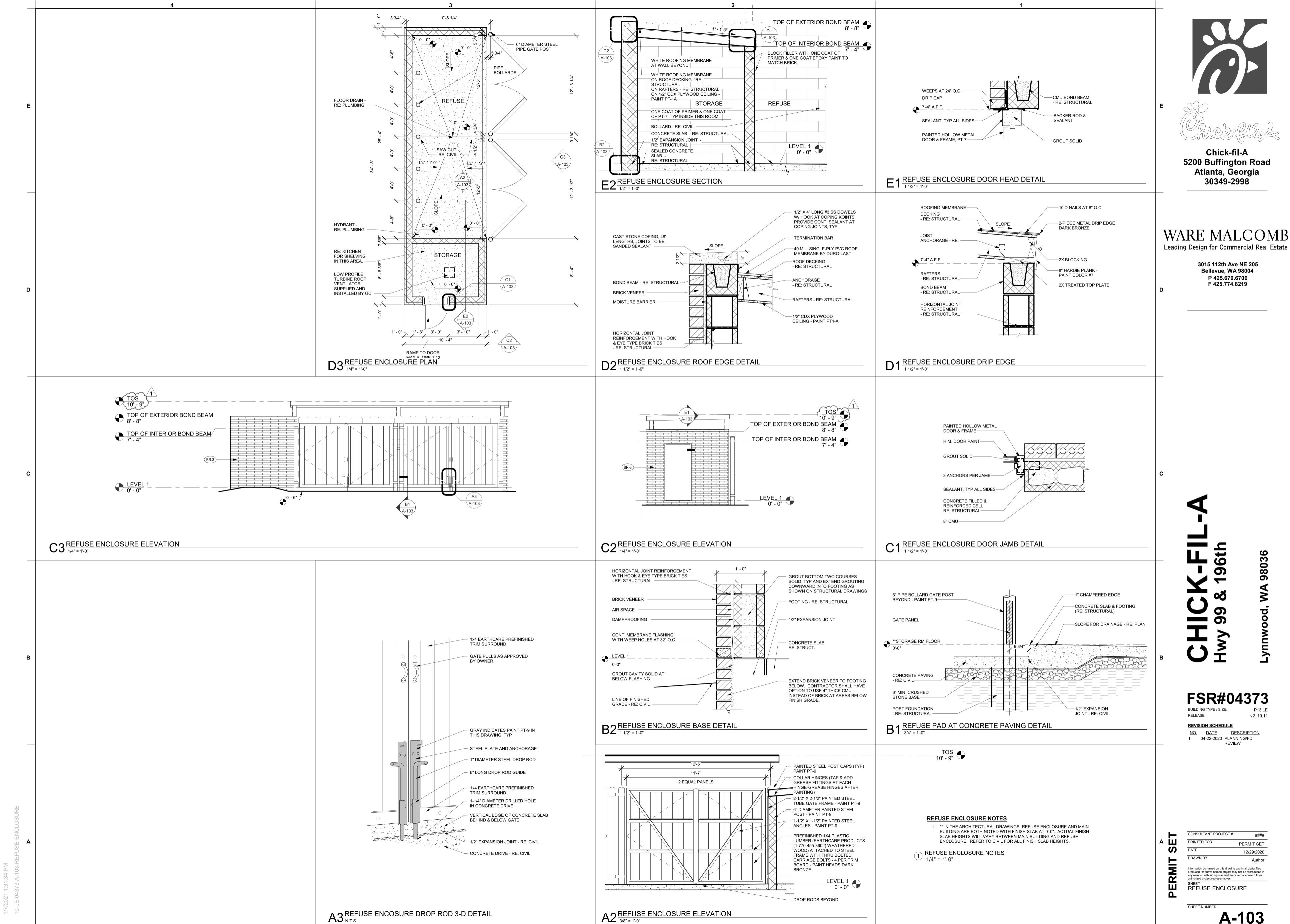


WARE MALCOMB

NO. DATE DESCRIPTION 1 04-22-2020 PLANNING/FD

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A-102



A-103

PERMIT SET

12/29/2020

REFUSE ENCLOSURE

Chick-fil-A

**5200 Buffington Road** 

Atlanta, Georgia

30349-2998

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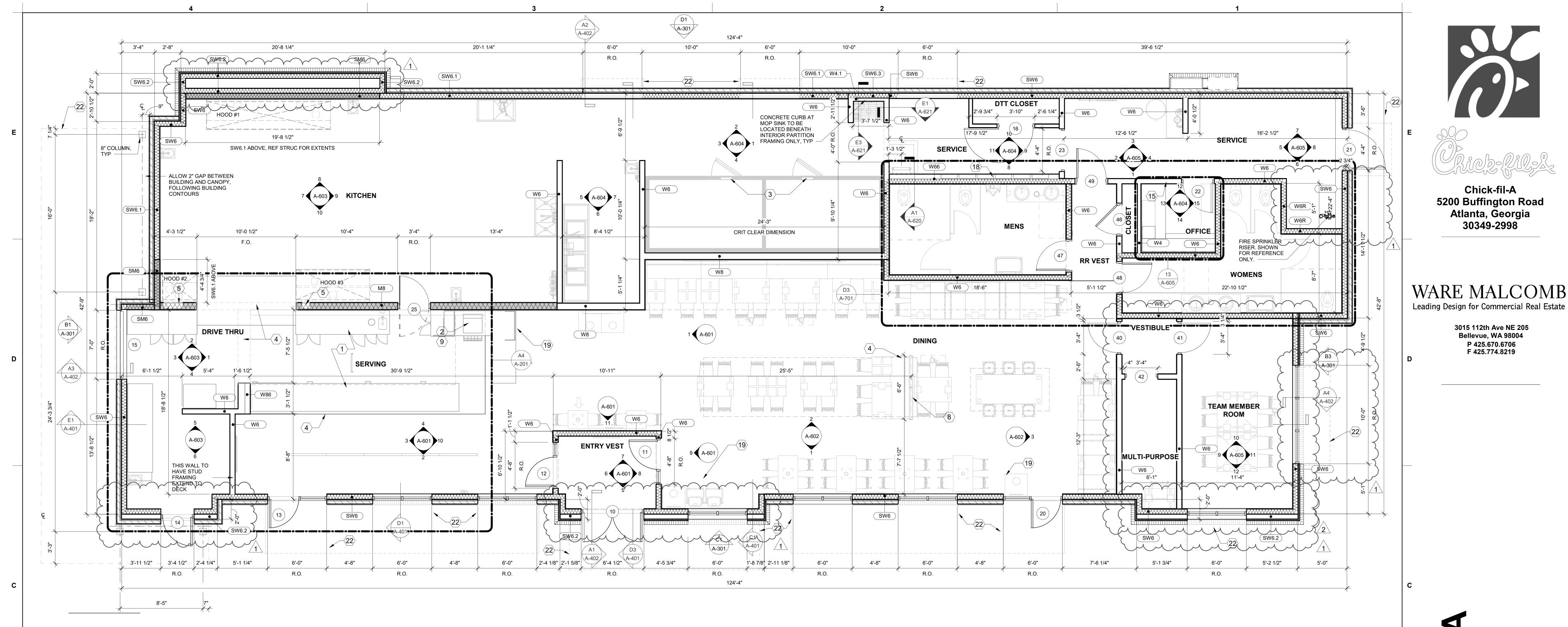
**REVISION SCHEDULE** REVIEW

NO. DATE DESCRIPTION 1 04-22-2020 PLANNING/FD 2 07-10-2020 PLAYGROUND

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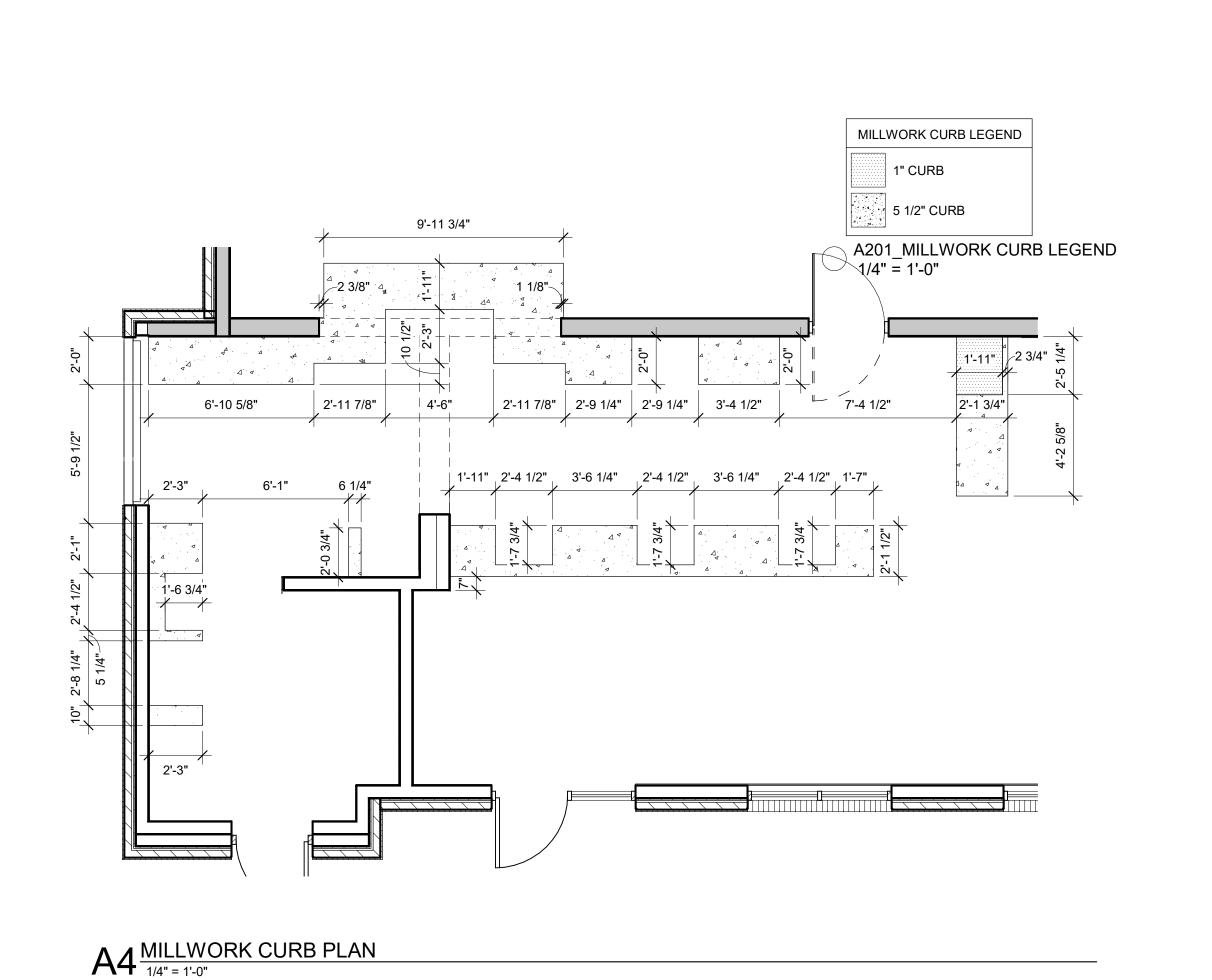
FLOOR PLAN

SHEET NUMBER A-201



C4 FLOOR PLAN

1/4" = 1'-0"



CONSTRUCTION/MATERIAL INFORMATION 2X6 WD STUD EXTERIOR WALL WITH ONE LAYER 1/2" SHEATHING EXTERIOR SIDE AND TWO LAYERS 1/2" SHEATHING INTERIOR SIDE - REF STRUCT DRAWINGS AND ARCH SECTIONS/ELEVATIONS FOR CONSTRUCTION/MATERIAL INFORMATION 2X6 WD STUD EXTERIOR FURRING WALL WITH ONE LAYER 1/2" SHEATHING EXPOSED SIDE - REF STRUCT DRAWINGS AND ARCH SECTIONS/ELEVATIONS FOR CONSTRUCTION/MATERIAL INFORMATION 2X6 WD STUD EXTERIOR WALL WITH 1/2" SHEATHING ON EXTERIOR FACES - REF STRUCT DRAWINGS AND ARCH SECTIONS/ELEVATIONS FOR CONSTRUCTION/MATERIAL INFORMATION WALL TYPE SCHEDULE - INTERIOR **DESCRIPTION (DOES NOT INCLUDE FINISHES)** 2x4 WD STUDS @ 24" O.C. MAX, WITH ONE LAYER 1/2" SHEATHING EA EXPOSED SIDE 8" MTL STUDS @ 24" O.C. MAX, WITH ONE LAYER 1/2" SHEATHING EA EXPOSED SIDE 2x4 WD STUDS @ 24" O.C. MAX, WITH ONE LAYER 1/2" SHEATHING EA EXPOSED SIDE W4.1 2x4 WD STUDS @ 24"O.O. MAX, WHTH ONE LAYER 1/2" SHEATHING ON INTERIOR SIDE 2x6 WD STUDS @ 24" O.C. MAX, WITH ONE LAYER 1/2" SHEATHING EA EXPOSED SIDE W6R 2x6 WD STUDS @ 24" O.C. MAX, 1-HR\_RATED 2x8 WD STUDS @ 24" O.C. MAX, WITH ONE LAYER 1/2" SHEATHING EA EXPOSED SIDE W66 2X6 & 2X6 PAIR WD STUDS @ 24" O.C. MAX, WITH ONE LAYER OF 1/2" SHEATHING EA EXPOSED SIDE W86 2X8 & 2X6 PAIR WD STUDS @ 16" O.C. MAX, WITH ONE LAYER OF 1/2" SHEATHING EA EXPOSED SIDE **FLOOR PLAN GENERAL NOTES** A.1 DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD (UNLESS OTHERWISE NOTED). FASTENERS, ANCHORS, CLIPS, STRAPS, ETC WHICH ARE IN CONTACT WITH PRESERVATIVE AND/OR FIRE TREATED WOOD SHALL BE OF G-185 HOT DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, OR AN APPROVED EQUAL. REFER TO CIVIL AND LANDSCAPE FOR LOCATIONS OF WALKS, BOLLARDS, LANDSCAPING DTT CLOSET AREAS, FLAG POLE, AND OTHER SITE ITEMS. REFER TO INTERIOR ELEVATIONS FOR LOCATIONS AND TYPES OF CORNER GUARDS. ENTRY VEST 72 SF CONTRACTOR TO COORDINATE LOCATION OF POLE MOUNTED EXTERIOR CAMERA WITH FIRE RISER Not Placed STRONG SYSTEMS AND INSTALL UNDERGROUND CONDUIT AS REQUIRED. RE: KITCHEN 1370 SF 166 SF A.6 REFER TO ACCESSIBILITY PLAN AND FURNITURE DRAWINGS FOR SEATING LAYOUT & MULTI-PURPOSE 70 SF SPECIFICATIONS. CONTACT: OWNER. OFFICE REFER TO ACCESSIBILITY PLAN AND OWNER DRAWINGS FOR CONDIMENT COUNTERS AND TRASH RECEPTACLES. 45 SF RR VEST A.8 REFER TO IT WALLBOARD USER GUIDE FOR WALLBOARD INSTALLATION, IF APPLICABLE. SERVICE 256 SF SERVICE 105 SF **FLOORPLAN KEYNOTES** SEERLUDING FOOTPRINT: 4983 SF TEAM MEMBER ROOM 218 SF GC SHALL PROVIDE 5-1/2" HIGH CONCRETE MILLWORK CURBS. RE: OWNER SHOP VESTIBULE DRAWINGS FOR EXACT LOCATIONS & DIMENSIONS. WOMENS NOTE: SQUARE FOOTAGE INDICATED IN GC SHALL SECURE SAFE USING (4) HILTI-HAS-E 1/2" x 4-1/2" ANCHOR BOLTS WITH HILTI HVU ADHESIVE CAPSULE. AT EACH HOLE FASTEN THRU PHENOLIC BASE OF CABINET STATISTICS IS NET SQUARE FOOTAGE AND AND INTO CONCRETE CURB BELOW. VERIFY LOCATION WITH SAFE MANUFACTURER. DOES NOT INCLUDED INTERIOR OR FREEZER AND COOLER DOORS AND HARDWARE SUPPLIED BY FREEZER/ COOLER EXTERIOR WALLS. REFER TO FOOTPRINT MANUFACTURER. FOR BUILDING SQUARE FOOTAGE. DASHED LINE INDICATES SOFFIT OR BULKHEAD ABOVE, RE: REFLECTED CEILING PLAN. RECESSED PIN AND SLEEVE BOX, RE: A4/A-620 & ELECTRICAL. 2'-1" ROUGH OPENING WIDTH AT HOOD #2. 11" ROUGH OPENING WIDTH AT HOOD #3 FLOOR PLAN WALL & STEEL WALL BY OWNER (TYP.) RE: OWNER FOR EXACT LOCATION. SAFE SCREEN BY OWNER. PARTITION LEGEND NETWORK CABINET. C1 / A-621 ELECTRICAL PANEL. RE: ELECTRICAL. ITEM BY OWNER. BATT INSULATION STATEMENT 2-SIDED ICON. RE: OWNER DRAWINGS. WOOD STUD WALL 22 GANOPY ABOVE BY OWNER. METAL STUD WALL MOP RE ELECTRICAL. NOTE: SEE WALL & PARTITION TYPES OJ-CABINET. RE: ELECTRICAL. AND SMOKE BARRIER INDICATED ON REFLECTED CEILING PLAN FOR

WALL TYPE SCHEDULE - EXTERIOR

6" MTL STUD INFILL WITH 1/2" SHEATHING EA SIDE - REF STRUCT DRAWINGS FOR CONSTRUCTION/MATERIAL INFORMATION

2X6 WD STUD EXTERIOR WALL WITH 1/2" SHEATHING EA SIDE - REF STRUCT DRAWINGS AND ARCH SECTIONS/ELEVATIONS FOR

**DESCRIPTION (DOES NOT INCLUDE FINISHES)** 

# WALL NOTES

WALL INSULATION NOTES

WHERE EXTERIOR METAL STUD WALL TYPE REQUIRES BATT INSULATION, USE R-19 FOIL FACED BATT INSULATION. WHERE EXTERIOR WOOD STUD WALL REQUIRES BATT INSULATION, USE R-19 KRAFT FACED FIBERGLASS BATT INSULATION WITH FLAME SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE DEVELOPED INDEX OF NOT MORE

WHERE EXTERIOR STUD WALLS REQUIRE BATT INSULATION, EXTEND INSULATION UP 12" ABOVE ROOFTOP RIGID

AT INTERIOR METAL STUD WALLS WHERE INSULATION IS SCHEDULED, USE 3-1/2" FOIL FACED BATT INSULATION. AT INTERIOR WOOD STUD WALLS WHERE INSULATION IS SCHEDULED, USE 3-1/2" BATT INSULATION WITH MAXIMUM FLAME SPREAD INDEX OF 25.

B6. NOT USED INTERIOR WALL FRAMING NOTES

UNLESS NOTED OTHERWISE, EXTEND FRAMING TO 6" ABOVE ADJACENT CEILING AT DRAFT STOPPING PARTITION INTERIOR WALLS, EXTEND FRAMING TO ROOF DECK AS REQUIRED TO

ACCOMMODATE SMOKE BARRIER. WHERE INTERIOR WALLS ARE NOT INSULATED AND NOT A DARFT STOPPING PARTITION, FRAMING MAY STOP 6" ABOVE HIGHEST ABUTTING FINISH CEILING.

WHERE INTERIOR WALL FRAMING DOES NOT EXTEND TO STRUCTURE ABOVE, BRACE INTERIOR WALLS AS REQUIRED FOR COMPLIANCE WITH BUILDING CODE, REF BUILDING DATA ON COVER SHEET. FRAMING AT NON-LOADBEARING INTERIOR WALLS SHALL MEET REQUIREMENTS OF APPLICABLE BUILDING CODES AND LOCAL AMENDMENTS. **EXTERIOR WALL FRAMING NOTES** 

SEE STRUCTURAL DRAWINGS FOR STUD DIMENSIONS AND SPACING. D.2 AT WOOD STUD EXTERIOR WALLS, USE TREATED SILL PLATES.

**EXTERIOR SHEATHING NOTES** 

E.1 REFER TO STRUCTURAL FOR EXTERIOR SHEATHING TYPES.

INTERIOR WALL FINISH & INTERIOR SHEATHING NOTES

**BLOCKING NOTES** 

F.1 WALL BLOCKING SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY. BLOCKING SHALL INCLUDE, BUT IS NOT LIMITED TO: AREAS INDICATED ON INTERIOR ELEVATIONS FOR GRAB BARS, SHELVING BRACKETS, MONITORS, FIXTURES, ETC, AS WELL AS BLOCKING FOR WINDOWS, CANOPIES ROOF FRAMING, ROOF TOP UNITS, ETC.

AT MATERIALS LABELED "INTERIOR SHEATHING" ON WALL TYPE DRAWINGS AND DETAILS, SHEATHING SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE. REFER TO FINISH PLAN AND INTERIOR ELEVATIONS FOR FINISH MATERIAL ON INTERIOR SHEATHING. DO NOT USE WOOD SHEATHING WITHIN 18" OF HOODS. WHERE SHEATHING IS EXPOSED: 1/2" GYPSUM BOARD. PAINTED PER INTERIOR ELEVATIONS AND FINISH PLAN.

BETWEEN WALL TILE AND STUDS: 1/2" CEMENTITIOUS BACKER BOARD. BETWEEN FRP PANELS AND WOOD STUDS AT BACK OF HOUSE: COMPOSEAL GOLD 40 MIL WATERPROOF MEMBRANE AND 1/2" CEMENTITIOUS BOARD TO 1'-0" ABOVE SLAB. 1/2" CDX PLYWOOD SUBSTRATE ABOVE CEMENTIOUS BOARD TO 1'-0" ABOVE CEILING. RE: TYPICAL WALL BASE DETAIL.

BETWEEN FRP PANELS AND METAL STUDS: COMPOSEAL GOLD 40 MIL WATERPROOF MEMBRANE AND 1/2" CEMENTIOUS BOARD TO 1'-0" ABOVE SLAB. 1/2" CEMENTITIOUS BOARD TO 4" ABOVE CEILING, EXCEPT AT AREAS WHERE DRAFTSTOPPING IS REQUIRED. REFER TO DRAFTSTOPPING DETAILS FOR THOSE AREAS.

GO BETWEEN STAINLESS STEEL PANELS AND METAL STUDS: 1/2" CEMENTIOUS BOARD.

BETWEEN STAINLESS STEEL PANELS AND WOOD STUDS: 1/2" CEMENTIOUS BOARD. BETWEEN WALLCOVERING AND STUDS: 1/2" GYPSUM BOARD.

G.9 BETWEEN WOOD WAINSCOT AND WOOD STUDS: 1/2" PLYWOOD. G.10 BETWEEN WOOD WAINSCOT AND METAL STUDS: 1/2" CEMENTIOUS BOARD. G.11 BETWEEN FREEZER/COOLER WALLS AND WOOD STUD WALLS: 1 FT TALL CEMENT BOARD BASE WITH 1/2" GYPSUM BOARD (LEVEL 1 FINISH) TO 6" ABOVE FINISH CEILING. EXTEND 40 MIL COMPOSEAL GOLD WATERPROOF MEMBRANE

FROM FLOOR AS INDICATED ON FINISH PLAN UP WALL AS INDICATED ON FREEZER AND COOLER SCREED DETAILS. G.12 BEHIND WOOD BOARD FINISH AT ICON WALL: 3/4" PLYWOOD. G.13 BEHIND WOOD BOARD FINISH AT OTHER LOCATIONS: 1/2" PLYWOOD.

**INTERIOR BASE FINISH & SHEATHING NOTES** 

AT MATERIALS LABELED "INTERIOR SHEATHING" ON WALL TYPE DRAWINGS AND DETAILS, MATERIALS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE. REFER TO FINISH PLAN AND INTERIOR ELEVATIONS FOR BASE FINISH MATERIAL.

H.2 BETWEEN TILE BASE AT NON-KITCHEN AREAS AND STUD WALLS: 1/2" CEMENT BACKER BOARD TO MINIMUM

5" ABOVE SLAB.

ADDITIONAL INFORMATION

H.1 BETWEEN TILE BASE AT KITCHEN AND STUDS: 1/2" CEMENTITIOUS BACKER BOARD TO MINIMUM 1'-0" ABOVE H.3 BETWEEN VINYL BASE AND WOOD STUD WALLS: 1/2" GYPSUM BOARD.

Chick-fil-A

30349-2998

P 425.670.6706 F 425.774.8219

BUILDING TYPE / SIZE:

REVISION SCHEDULE NO. DATE DESCRIPTION 1 04-22-2020 PLANNING/FD

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A-230

SPACED 31" APART. AT ICE MAKER CONDENSERS - (3 STANDS) EACH CONSISTING OF (2) 5'-0" LONG RAILS SPACED 24" APART WITH (2) SUPPORTS UNDERNEATH. STANDS SHALL PRÓVIDE 18" MINIMUM CLEÀRANCE (48" O.C. AT ICE MAKER CONDENSERS) AND SHALL BE SIZED INSTALLED ACCORDING TO THE MANUFACTURER'S LOAD CHARTS AND PRINTED

INSTALLATION DETAILS. CONTACT: 800-266-7212. 17 EXHAUST FAN. RE: MECHANICAL. 18 COMBUSTION AIR VENT. RE: MECHANICAL & PLUMBING.

ROOF PLAN LEGEND

12" = 1'-0"

GRAY WALK PAD MEMBRANES, TYP. A<u>230\_ROO</u>F PLAN KEYNOTES

3/8" X 4 1/2" EYE SCREW ANCHORS (INSTALL 2x SOLID BLOCKING BETWEEN STUDS TO ATTACH ANCHOR). LOCATIONS APPROXIMATE. VERIFY WITH OWNER AND CONSTRUCTION MANAGER. RE: DETAIL D2/A504.

2'-6" X 3'-0" ROOF HATCH. BILCO

PIPING PENETRATION. RE: D1/A-504 AND PLUMBING ROOF PLAN FOR PIPE DESCRIPTIONS

4"X16" SCUPPER, LEADER HEAD & DOWNSPOUT. RE: DETAIL. RE: EXTERIOR ELEVATION FOR

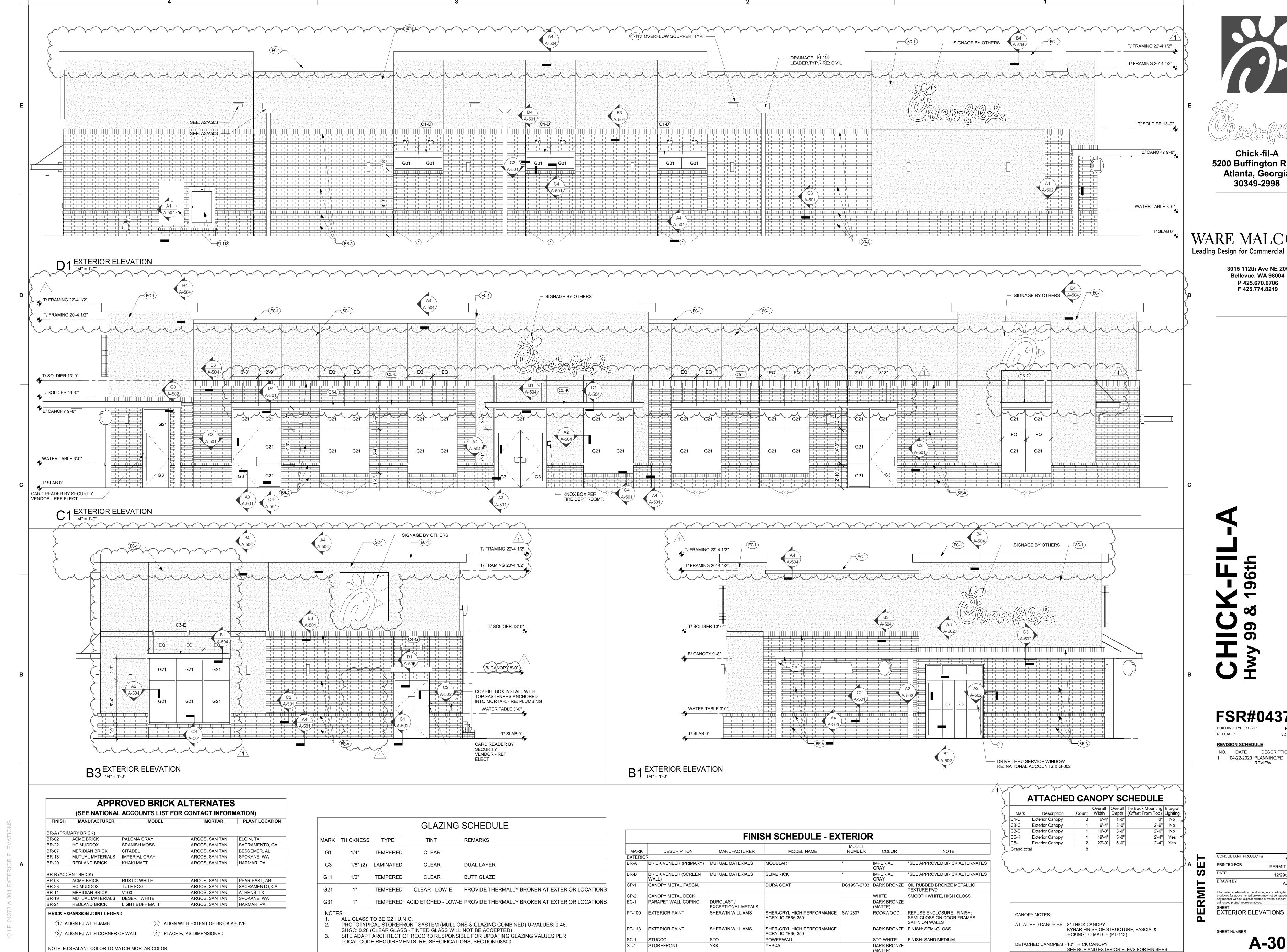
REMOTE CONDENSING UNIT. RE: KITCHEN EQUIPMENT SCHEDULE —AIR FLOW DIRECTION

LOCATION. 4"X16" OVERFLOW SCUPPER. RE: DETAIL. INSTALL WITH BOTTOM EDGE 2" ABOVE ROOF SURFACE. GC TO ENSURE SCUPPER IS INSTALLED DURING MAIN

ROOFING OPERATION. EXTENDED PARAPET

RTU. RE: MECHANICAL REGULAR PARAPET

ROOF PLAN SHEET NUMBER



Chick-fil-A **5200 Buffington Road** Atlanta, Georgia 30349-2998

Leading Design for Commercial Real Estate

3015 112th Ave NE 205 Bellevue, WA 98004

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A-301

T.O. HIGH PARAPET

T.O. LOW P21'-8 1/2"

20'-4 1/2" T.O. HIGH ROWLOCK
17'-4"

T.O. ROWLOCK
14'-0 1/32" T.O. LOW ROWLOCK
13'-4" HEADER
9'-8" WATER TABLE
3'-0" Chick-fil-A 5200 Buffington Road Atlanta, Georgia 30349-2998 T.O. SLAB E1 BUILDING SECTION T.O. HIGH PARAPET
T.O. LOW P21'-8 1/2"
20'-4 1/2" T.O. HIGH PARAPET

T.O. LOW P21'-8 1/2"

20'-4 1/2" T.O. HIGH ROWLOCK
17'-4" T.O. HIGH ROWLOCK 17'-4" WARE MALCOMB Leading Design for Commercial Real Estate T.O. ROWLOCK

T.O. LOW ROWLOCK

-14'-0 1/32"

13'-4" T.O. ROWLOCK

T.O. LOW ROW! OCK

14'-0 1/32"

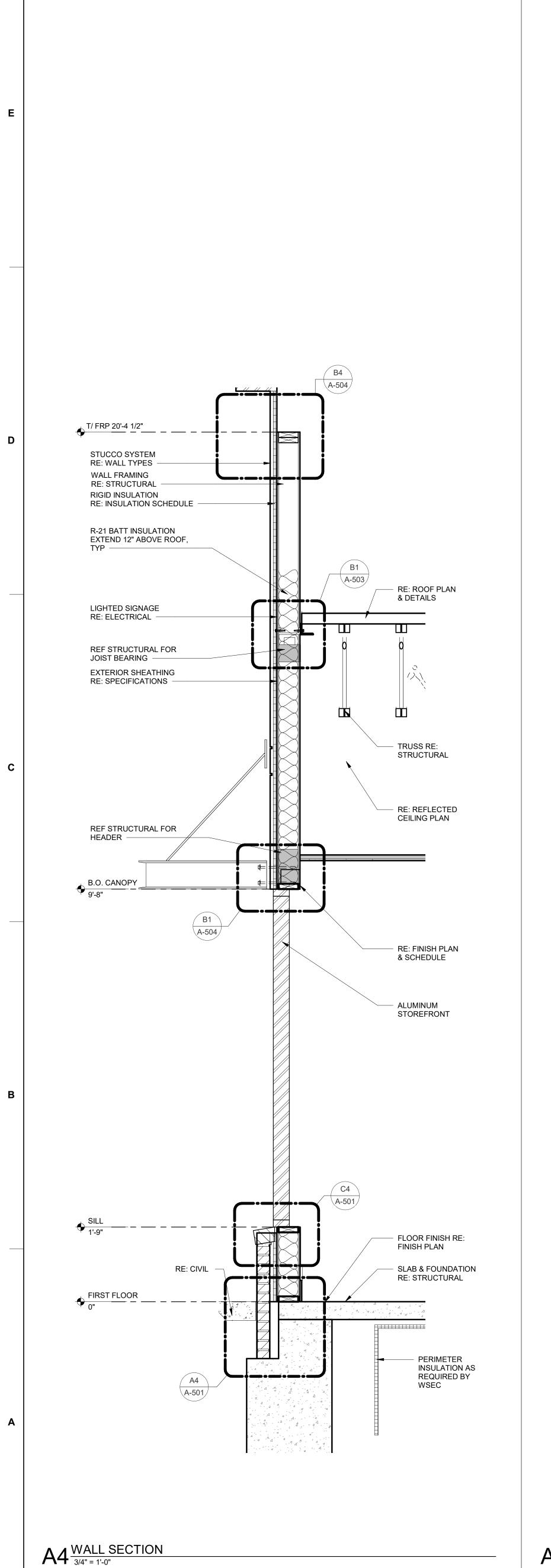
13'-4" 3015 112th Ave NE 205 Bellevue, WA 98004 P 425.670.6706 F 425.774.8219 WATER TABLE
3'-0" T.O. SLAB T.O. SLAB D1 BUILDING SECTION D3 BUILDING SECTION T.O. LOW p21'-8 1/2"

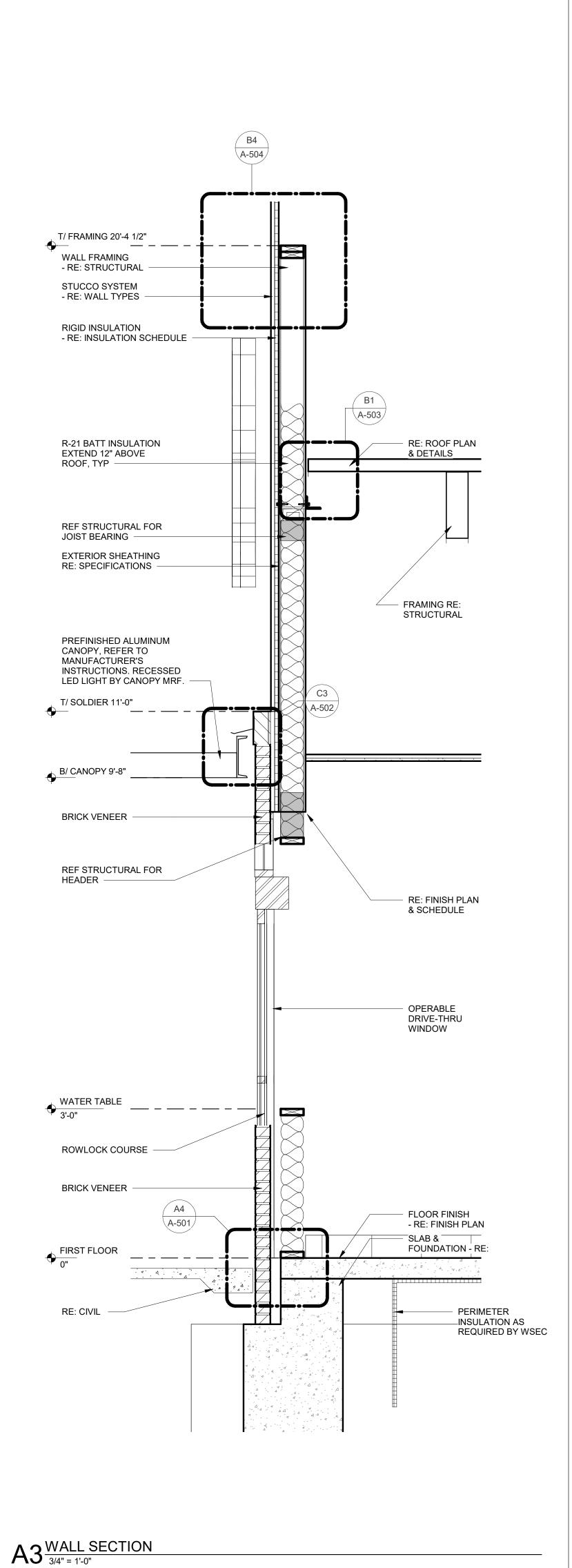
20'-4 1/2" T.O. ROWLOCK
T.O. LOW ROW! OCK
-14'-0 1/32"
13'-4" WATER TABLE
3'-0" C1 BUILDING SECTION NO. DATE DESCRIPTION
2 07-10-2020 PLAYGROUND
REMOVAL CONSULTANT PROJECT # Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from authorized project representatives.

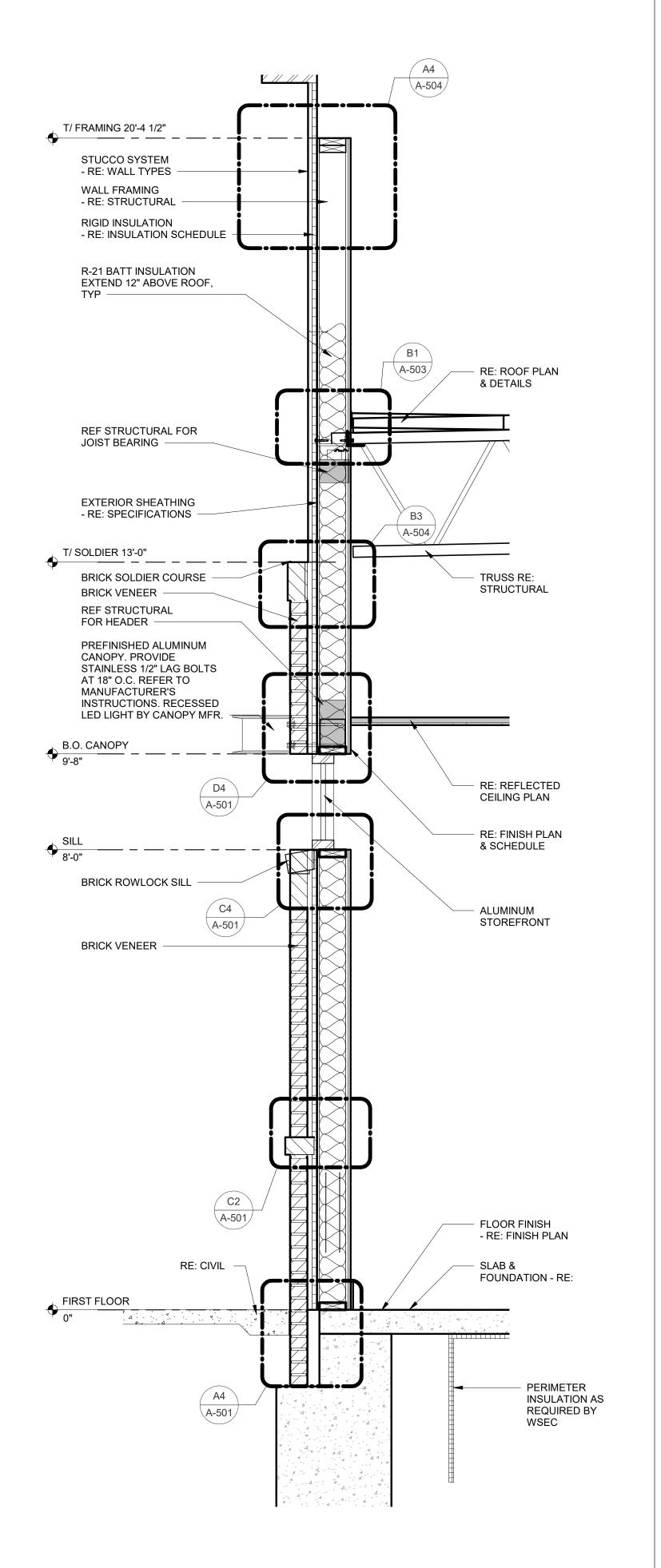
SHEET BUILDING SECTIONS SHEET NUMBER

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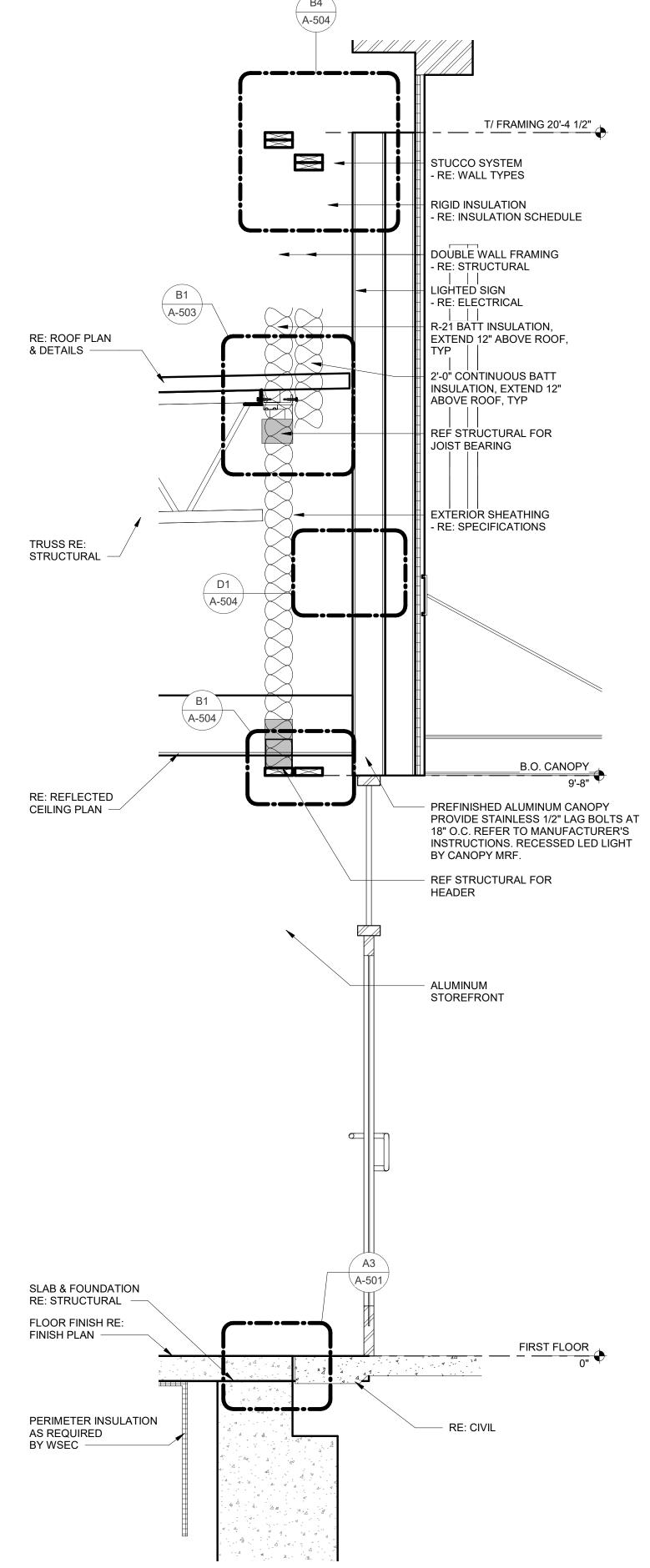
**A-401** 



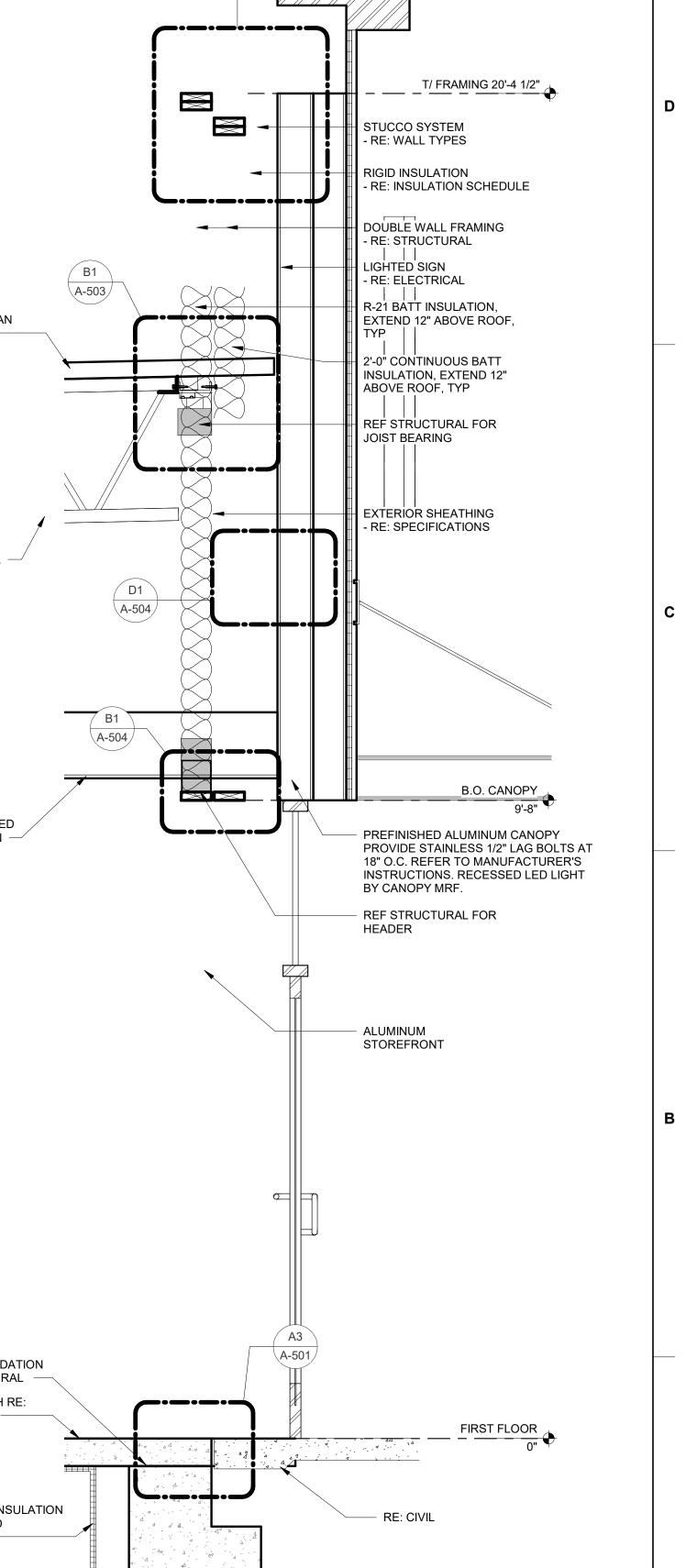




 $A2^{\frac{\text{WALL SECTION}}{3/4" = 1'-0"}}$ 



 $A1\frac{\text{WALL SECTION}}{3/4" = 1'-0"}$ 





WARE MALCOMB

Leading Design for Commercial Real Estate

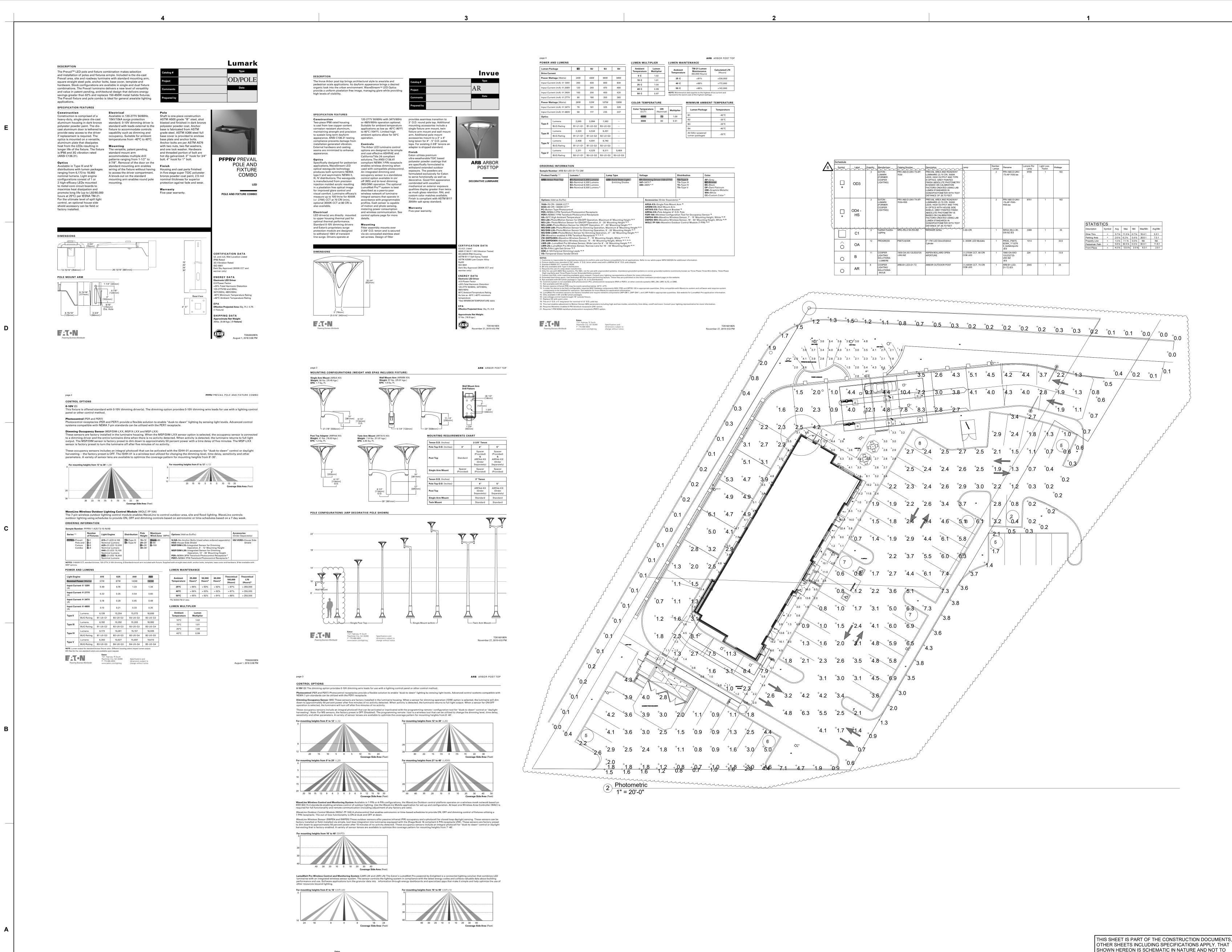
P 425.670.6706 F 425.774.8219

3015 112th Ave NE 205 Bellevue, WA 98004

**REVISION SCHEDULE** NO. DATE DESCRIPTION

CONSULTANT PROJECT # PERMIT SET 12/29/2020 produced for above named project may not be reproduced in any manner without express written or verbal consent from WALL SECTIONS

> SHEET NUMBER **A-402**



2

Eaton
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-488-4800 dimensions subject to
charge without notice.

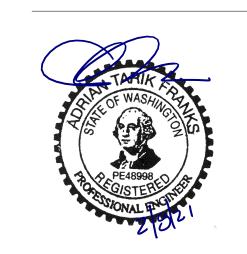
Chick-fil-A

**5200 Buffington Road** 

Atlanta, Georgia

30349-2998

Dialectic, Inc. 310 W 20th Street, Suite 200 F 816-997-9602 Kansas City, MO 64108 DialecticEng.com Washington Certificate of Authorization Number C1266 Copyright 2020



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BUILDING TYPE / SIZE:

REVISION SCHEDULE NO. DATE DESCRIPTION 1 04/09/2020 CITY COMMENTS 2 11/23/2020 DUEL DT/PLAZA REVISION

6 02/05/2021 XFORMER RELOCATON

BE USED AS A SHOP DRAWINGS; THEREFORE, INCLUDE

CONDITIONS AND THE EQUIPMENT AND MATERIAL USED.

ON THEIR RESPECTIVE DOCUMENTS, THESE ELEMENTS ARE SHOWN FOR REFERENCE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF THESE ELEMENTS.

NO DESIGN RESPONSIBILITY IS ASSUMED FOR ANY PORTION OF THE WORK THAT THE PROFESSIONAL

ENGINEER HAS NOT SIGNED AND SEALED PER

STATE/PROVINCE REQUIREMENTS.

ARCHITECTURAL AND STRUCTURAL ELEMENTS AS SHOWN

ALL MODIFICATIONS REQUIRED TO CONFORM TO SITE

VERIFY LOCATIONS AND DIMENSIONS OF ALL

CONSULTANT PROJECT # 01201957.76 Information contained on this drawing and in all digital files produced for above named project may not be reproduced in any manner without express written or verbal consent from SITE PHOTOMETRIC PLAN

SHEET NUMBER

E-102

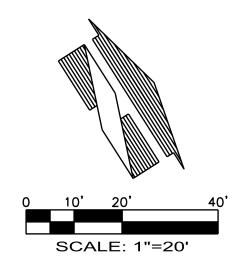
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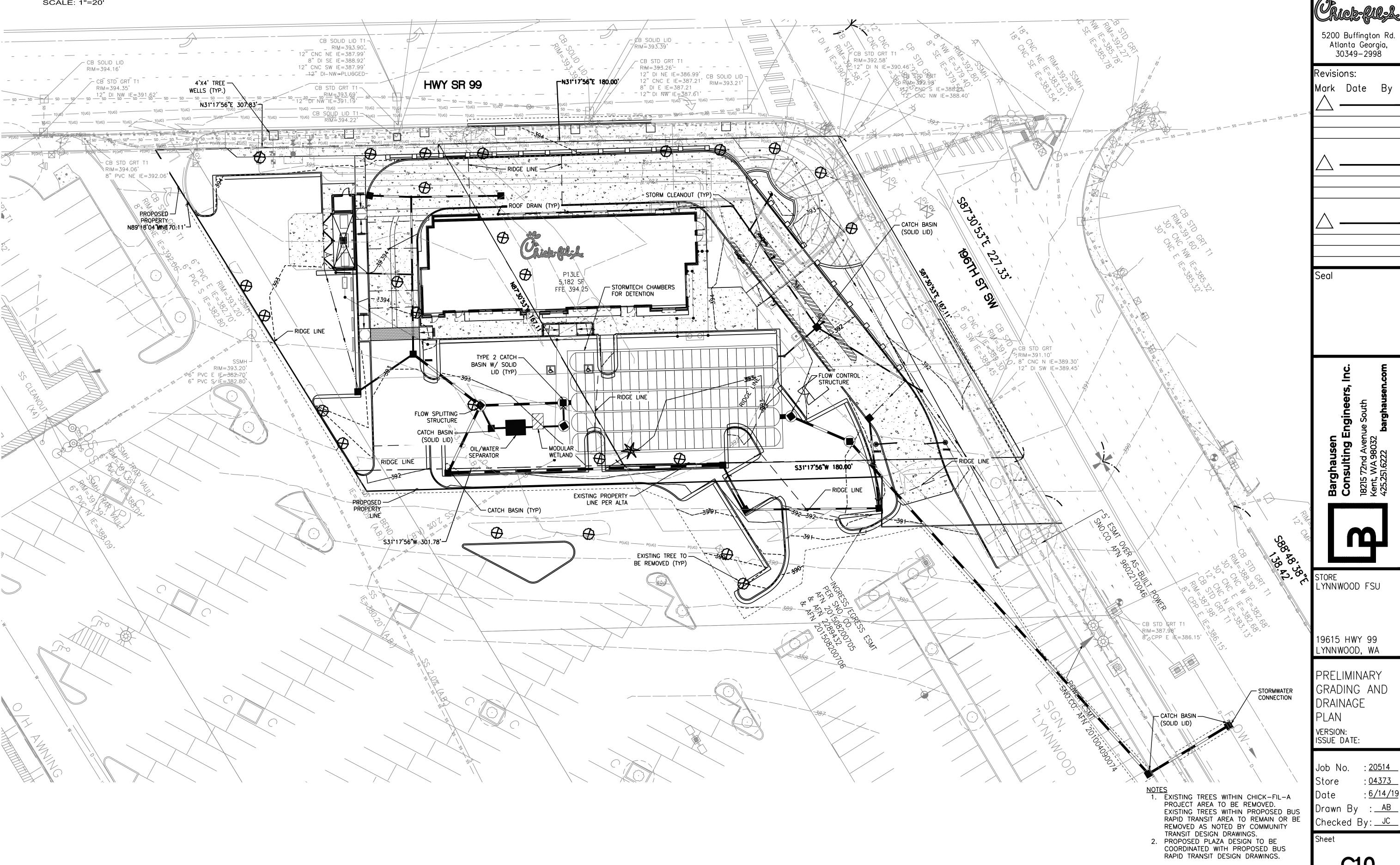
02/17/20

# PRELIMINARY GRADING AND DRAINAGE PLAN

# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON



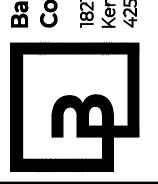




5200 Buffington Rd. Atlanta Georgia, 30349-2998

Revisions:

Mark Date By



19615 HWY 99 LYNNWOOD, WA

PRELIMINARY GRADING AND DRAINAGE

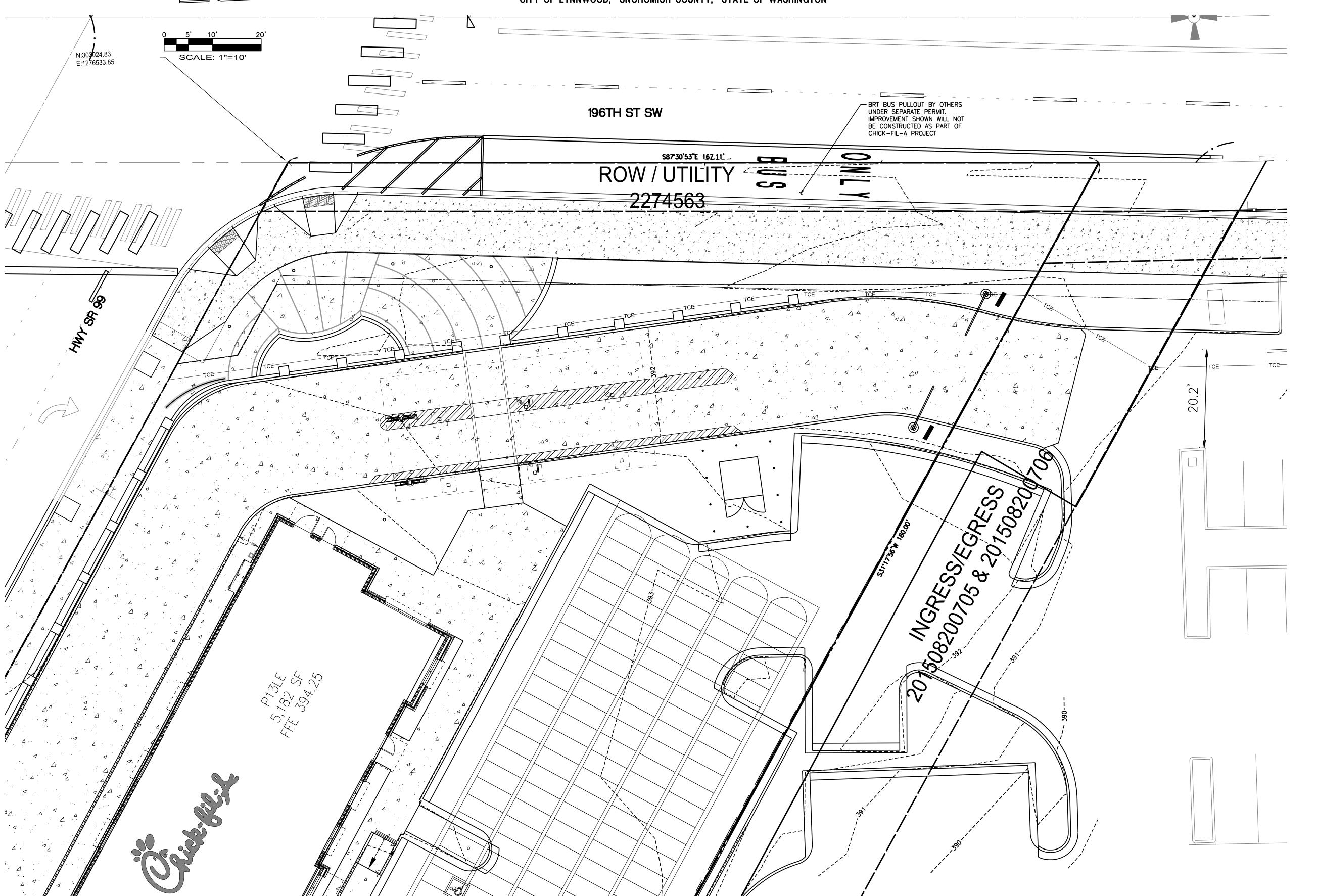
: <u>04373</u> : 6/14/19 Drawn By

C1.0

# BRT IMPROVEMENTS EXHIBIT

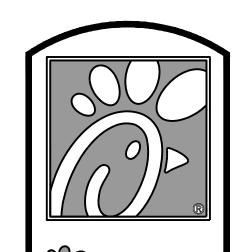
# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON



NOTES

1. BUS PULLOUT IS SHOWN FOR
REFERENCE ONLY. BUS PULLOUT AND
ASSOCIATED HARDSCAPE AND CURB
RAMPS WILL BE CONSTRUCTED BY
OTHERS UNDER A SEPARATE PERMIT
AT A LATER DATE.



# Crick-fil-1

5200 Buffington Rd. Atlanta Georgia, 30349—2998

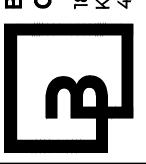
Revisions: Mark Date By

Mark Date By

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Barghausen
Consulting Engin
18215 72nd Avenue Sou
Kent, WA 98032
425.251.6222 bargh



STORE LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

BRT IMPROVEMENTS EXHIBIT

VERSION: ISSUE DATE:

Job No. : <u>20514</u>
Store : <u>04373</u>
Date : <u>6/14/19</u>
Drawn By : <u>AB</u>

Checked By: JC

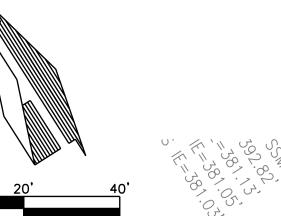
C3.0

# PRELIMINARY UTILITY PLAN

# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M.





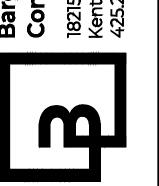
5200 Buffington Rd

Atlanta Georgia, 30349-2998

Revisions: Mark Date By

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Barghausen Consulting Engin



STORE LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

PRELIMINARY UTILITY PLAN

VERSION: ISSUE DATE:

: <u>20514</u> Job No. : 04373 : 6/14/19 Drawn By Checked By: <u>JC</u>

C2.0

# LANDSCAPE NOTES AND REQUIREMENTS

# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON

### LIST OF LANDSCAPE **ABBREVIATIONS**

CONT

AMERICAN NATIONAL STANDARDS INSTITUTE ARCHITECTURAL DOCUMENTS B&B BALLED AND BURLAPPED BC BOTTOM OF CURB BW **BOTTOM OF WALL** BOC BACK OF CURB CAL CALIPER CIP CAST-IN-PLACE CIVIL CIVIL ENGINEERING

DOCUMENTS

CY CUBIC YARDS DBH DIAMETER AT BREAST HEIGHT DEMO DEMOLITION DIA DIAMETER DT DROUGHT TOLERANT DTLS DETAIL DRAWINGS

CONTAINER

**ESMT** EASEMENT **ELEC ELECTRICAL DOCUMENTS** EX **EXISTING** FOC **FACE OF CURB** 

FT FEET GAL GALLON HT **HEIGHT** LINEAR FEET LIM LIMIT OF WORK MAX MAXIMUM

**MECH** MECHANICAL DOCUMENTS MIN MINIMUM N/A NOT APPLICABLE NIC NOT IN CONTRACT OC ON CENTER OAE OR APPROVED EQUAL

P&P PRESERVE AND PROTECT PΑ PLANTING AREA PH PHASE POC POINT OF CONNECTION **PRECON** PRE-CONSTRUCTION PROP PROPOSED PT PRESSURE TREATED

REPRESENTATIVE REQ REQUIREMENTS SIG SIGNIFICANT SPEC **SPECIFICATIONS** SQUARE FEET TEMP **TEMPORARY** TC TOP OF CURB ΤP TREE PROTECTION TW TOP OF WALL

TYP **TYPICAL** UON UNLESS OTHERWISE NOTED WD WIDTH

1. ALL LANDSCAPE WORK SHALL COMPLY WITH LOCAL JURISDICTIONAL REQUIREMENTS. IF THERE IS A CONFLICT BETWEEN JURISDICTIONAL REQUIREMENTS AND THE CONTRACT DOCUMENTS, CONSTRUCTION DRAWINGS, NOTES, DETAILS, OR ANY OTHER DOCUMENTATION FOR THE WORK TO BE UNDERTAKEN, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY FOR CLARIFICATION.

LANDSCAPE NOTES AND REQUIREMENTS

COORDINATE NOTES, DETAILS, AND DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL REVIEW THE SITE AND CONSTRUCTION DOCUMENTS AND IMMEDIATELY REPORT DISCREPANCIES TO THE LANDSCAPE ARCHITECT.

3. CONTRACTOR SHALL BE SKILLED AND KNOWLEDGEABLE IN THE FIELD OF WORK AND HAVE A MINIMUM OF FIVE (5) YEARS OF EXPERIENCE INSTALLING SIMILAR WORK. CONTRACTOR SHALL BE LICENSED TO PERFORM THE WORK SPECIFIED WITHIN THE PRESIDING JURISDICTION

4. CONTRACTOR TO FURNISH ALL MATERIALS, LABOR, EQUIPMENT, AND RELATED ITEMS NECESSARY TO ACCOMPLISH TOPSOIL, TREATMENT, AND PREPARATION OF SOIL, FINISH GRADE, PLACEMENT OF SPECIFIED PLANT MATERIALS, COMPOST, STAKING, MULCH, CLEAN-UP, DEBRIS REMOVAL, AND 90 DAYS MAINTENANCE PER TREE, SHRUB, AND OTHER WOODY PLANT MANAGEMENT - STANDARD PRACTICES, LATEST EDITION (ANSI A300).

5. CONTRACTOR SHALL CLEARLY MARK ALL PROPERTY LINES AND LIMITS OF WORK PRIOR TO BEGINNING ANY WORK. 6. CONTRACTOR SHALL USE FULL SIZE CONSTRUCTION DOCUMENTS IN THE FIELD AT ALL

7. CONTRACTOR SHALL KEEP ALL PAVEMENT CLEAN AND WORK AREAS IN AN ORDERLY CONDITION. PROTECT LANDSCAPE WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS AND TRESPASSERS. CONTRACTOR SHALL REPAIR AREAS DAMAGED DUE TO CONSTRUCTION INCLUDING DAMAGE TO EXISTING IRRIGATION SYSTEMS, IF PRESENT, TO MATCH CONDITIONS PRIOR TO THE START OF CONSTRUCTION. MAINTAIN LANDSCAPE PROTECTION DURING INSTALLATION AND MAINTENANCE PERIOD. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE WORK AS DIRECTED BY OWNER'S REPRESENTATIVE

8. ALL LANDSCAPE MATERIALS AND FINISH GRADES ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.

#### SUBMITTALS

9. SUBMIT FIVE (5) COPIES OF THE FOLLOWING TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO THE START OF ANY WORK:

A. DOCUMENTATION THAT ALL PLANT MATERIAL HAS BEEN ORDERED

B. TOPSOIL ANALYSIS AND RECOMMENDED AMENDMENTS C. TREE STAKING AND GUYING MATERIALS

D. ONE (1) QUART SIZE SAMPLES OF TOPSOIL AND MULCH

E. PLANTING SCHEDULE INCLUDING DATES AND TIMES F. MAINTENANCE INSTRUCTIONS FOR ONE (1) FULL YEAR

#### UTILITIES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARITY WITH ALL UNDERGROUND UTILITIES, PIPES, AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES. VERIFY ALL UTILITY LOCATIONS, PADS, AND APPURTENANCES PRIOR TO CONSTRUCTION. DO NOT BLOCK ACCESS TO UTILITY STRUCTURES. REPORT DISCREPANCIES IMMEDIATELY TO LANDSCAPE ARCHITECT AND OWNER'S REP.

2. TREE LOCATIONS TO BE COORDINATED WITH EXISTING AND PROPOSED UNDERGROUND UTILITIES TO ACHIEVE SEPARATION PER JURISDICTIONAL REQUIREMENTS. IF NO JURISDICTIONAL REQUIREMENTS, ALL TREES TO BE LOCATED MIN 10 FT FROM ALL UNDERGROUND UTILITIES. VERIFY UTILITY LOCATIONS PRIOR TO PLANTING TREES. NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IF PROPOSED TREE LOCATIONS CONFLICT WITH UTILITY LOCATIONS.

# MAINTENANCE

1. CONTRACTOR TO PROVIDE OWNER'S REP WITH A SCOPE OF WORK AT TIME OF INITIAL PROJECT BID TO PROVIDE LANDSCAPE AND IRRIGATION MAINTENANCE FOR 90 DAYS FOLLOWING COMPLETION OF PROJECT (ACCEPTANCE) OF FACILITY BY OWNER'S REP. PLANTING MAINTENANCE TO INCLUDE WATERING, WEEDING, CULTIVATING, TIGHTENING, REPAIRING OF TREE GUYS AND/OR STAKES, RESETTING PLANTS TO PROPER GRADES OR POSITION, RE-ESTABLISHING SETTLED GRADES, AND MOWING LAWNS WEEKLY AFTER LAWN ESTABLISHMENT. HERBICIDE IS NOT RECOMMENDED FOR ONE YEAR FOLLOWING LANDSCAPE INSTALLATION.

. CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE AND PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE WORK BY OWNER'S REP. BEGIN MAINTENANCE IMMEDIATELY FOLLOWING INSTALLATION. MAINTAIN THE PLANTING AREAS FOR ONE (1) YEAR AFTER ACCEPTANCE OF INSTALLATION BY OWNER'S REP.

3. REPAIR ALL EXISTING PLANTING AREAS BY REMOVING INVASIVE SPECIES, PRUNING DEAD GROWTH, RE-ESTABLISHING FINISH GRADE, AND RE-MULCHING TO SPECIFIED DEPTH FOLLOWING RECOMMENDATIONS PER ANSI A300.

4. PLANT ESTABLISHMENT PROCEDURES INCLUDE WATERING, PROTECTION FROM INSECTS OR DISEASE, WEEDING, PRUNING, MOWING, AND OTHER ACTIVITIES AS REQUIRED AND AS

5. CONTRACTOR TO REPLACE DEAD PLANTS AND PLANTS SHOWING LOSS OF 40 PERCENT OR MORE OF CANOPY AT NO ADDITIONAL COST TO OWNER. IMMEDIATELY REPLACE DEFECTIVE MATERIALS AS DETERMINED BY OWNER'S REP OR LANDSCAPE ARCHITECT WITH PLANT MATERIALS OF THE SAME SPECIES AT A SIZE TO MATCH EXISTING ADJACENT

6. UPON COMPLETION OF THE WARRANTY/PLANT ESTABLISHMENT PERIOD, APPLY THREE 93) INCHES ROCK MULCH TO ALL PLANTING AREAS. SEE DETAILS.

7. ANTI-DESICCANT TO BE "WILT-PROOF," FORTY-EIGHT (48) HOURS PRIOR TO SHIPMENT TO SITE FROM JUNE 1ST THROUGH SEPTEMBER 30TH, THOROUGHLY ROOT WATER PLANTS PRIOR TO DELIVERY. PLANT MATERIAL DELIVERED TO SITE TO BE KEPT CONTINUALLY MOIST THROUGH INSTALLATION.

8. UPON COMPLETION OF THE WARRANTY PERIOD, SUBMIT A WRITTEN REQUEST FOR FINAL INSPECTION TO THE OWNER'S REP. CONTRACTOR TO REPLACE OR REPAIR DEFICIENT ITEMS NOTED IN THE INSPECTION. CONTRACTOR ATTENDANCE IS REQUIRED AT SECOND INSPECTION WITH OWNER'S REP. OWNER'S REP TO ISSUE NOTICE OF ACCEPTANCE TO THE CONTRACTOR WHEN ALL WORK IS COMPLETED AND ACCEPTED.

#### PLANTING NOTES AND REQUIREMENTS

 TREES, WHIPS, SHRUBS, GROUND COVERS, CUTTINGS, LIVE STAKES, LIVE POLES, RHIZOMES, TUBERS, ROOTSTOCK, AND SEEDLINGS WILL HEREINAFTER BE REFERRED TO COLLECTIVELY AS "PLANTS" OR "PLANT MATERIAL"

2. THE CONTRACTOR SHALL ENSURE ADEQUATE AND PROPER CARE OF ALL PLANT MATERIAL AND WORK DONE ON THIS PROJECT UNTIL ALL PLANT ESTABLISHMENT PERIODS REQUIRED BY THE CONTRACT ARE COMPLETE OR UNTIL PHYSICAL COMPLETION OF THE PROJECT, WHICHEVER IS LAST. EXISTING VEGETATION SHALL NOT BE DISTURBED UNLESS REQUIRED BY THE CONTRACT OR APPROVED BY THE ENGINEER. CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING TREES, UON.

ADEQUATE AND PROPER CARE SHALL INCLUDE, BUT IS NOT LIMITED TO, KEEPING ALL PLANT MATERIAL IN A HEALTHY GROWING CONDITION BY WATERING, CULTIVATING, PRUNING, AND SPRAYING. PLANT MATERIAL CROWNS, RUNNERS, AND BRANCHES SHALL BE KEPT FREE OF MULCH AT ALL TIMES. THIS WORK SHALL INCLUDE KEEPING THE PLANTED AND SEEDED AREAS FREE FROM INSECT INFESTATION, WEEDS, OR UNWANTED VEGETATION, LITTER, AND OTHER DEBRIS ALONG WITH RETAINING THE FINISHED GRADES AND MULCH IN A NEAT AND UNIFORM CONDITION.

4. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR THE MAINTENANCE AND APPEARANCE OF THE LANDSCAPE. THE CONTRACTOR SHALL CONTROL WEED AND PEST SPECIES WITHIN THE PROJECT AREA USING INTEGRATED PEST MANAGEMENT PRINCIPLES CONSISTING OF MECHANICAL, BIOLOGICAL, AND CHEMICAL CONTROLS AS DESIGNATED OR APPROVED BY THE ENGINEER OR LANDSCAPE ARCHITECT. THOSE WEEDS SPECIFIED AS NOXIOUS BY THE STATE DEPARTMENT OF AGRICULTURE, THE LOCAL WEED DISTRICT, OR THE COUNTY NOXIOUS WEED CONTROL BOARD, AND OTHER SPECIES IDENTIFIED BY THE CONTRACTING AGENCY, SHALL BE CONTROLLED ON THE PROJECT. GRASS GROWING WITHIN THE MULCH RING OF A PLANT SHALL BE CONSIDERED A WEED AND BE CONTROLLED ON THE PROJECT.

PRECON MEETING BETWEEN GENERAL CONTRACTOR, LANDSCAPE CONTRACTOR, AND OWNER'S REP REQUIRED PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS TO REVIEW CONDITIONS AND IDENTIFY COORDINATION REQUIREMENTS.

#### PLANT MATERIAL

6. SEE PLANT SCHEDULE FOR SPECIES AND QUANTITIES OF PLANT MATERIAL. ALL PLANT MATERIAL SHALL BE NURSERY GROWN (NOT FIELD COLLECTED) AND SHALL BE CONTAINERIZED OR BALLED AND BURLAPPED. PLANT MATERIAL SHALL BE FROM A SINGLE NURSERY SOURCE FOR EACH SPECIFIED SPECIES/HYBRID. NURSERY SOURCES SHALL BE THOSE LOCATED IN THE SAME REGION AS THE JOB SITE.

7. NO SUBSTITUTION OF PLANT MATERIAL, SPECIES, OR VARIETY SHALL BE PERMITTED UNLESS WRITTEN EVIDENCE OF LACK OF PLANT MATERIAL IS SUBMITTED TO THE OWNER'S REP FROM TWO (2) QUALIFIED PLANT BROKERAGE OFFICES. SUBSTITUTIONS THAT ARE PERMITTED ARE TO BE IN WRITING FROM THE LANDSCAPE ARCHITECT. THE SPECIFIED SIZE, SPECIES, AND NEAREST VARIETY, AS APPROVED, SHALL BE FURNISHED. SUBSTITUTIONS MAY REQUIRE SUBMITTAL OF A REVISED LANDSCAPE PLAN FOR CITY APPROVAL.

8. PLANT MATERIAL SHALL COMPLY WITH STATE AND FEDERAL LAWS FOR DISEASE INSPECTION. PLANTS TO BE FULLY ALIVE, VIGOROUS, AND WELL-FORMED WITH WELL-DEVELOPED FIBROUS ROOT SYSTEMS. ROOT BALLS OF PLANTS TO BE SOLID AND FIRMLY HELD TOGETHER, SECURELY CONTAINED AND PROTECTED FROM INJURY AND DESICCATION. PLANTS DETERMINED BY OWNER'S REP TO HAVE DAMAGE, DEFORMITIES OF STEM, BRANCHES, OR ROOTS, LACK SYMMETRY, HAVE MULTIPLE LEADERS OR "Y" CROTCHES LESS THAN 30 DEGREES IN TREES, OR DO NOT MEET MINIMUM STANDARDS OF (AAN) AMERICAN STANDARDS FOR NURSERY STOCK, LATEST EDITION (ANSI Z60.1), WILL BE REJECTED

9. SPECIFIED PLANT CONTAINER SIZE, HEIGHT, OR CALIPER IS THE MINIMUM ACCEPTABLE SIZE FOR ALL PLANT MATERIAL. MEASUREMENTS, CALIPER, BRANCHING, GRADING QUALITY, AND BALLING AND BURLAPPING MATERIAL SHALL CONFORM TO MINIMUM STANDARDS OF ANSI Z60.1, LATEST EDITION. PRUNE PLANTS RECEIVED FROM THE NURSERY ONLY UPON AUTHORIZATION BY THE LANDSCAPE ARCHITECT.

10. SEED MIXES TO BE COMMERCIALLY PREPARED AND SUPPLIED IN SEALED CONTAINERS. THE LABELS SHALL SHOW: COMMON AND BOTANICAL NAMES OF SEED, LOT NUMBER, NET WEIGHT, POUNDS OF PURE LIVE SEE (PLS) IN THE MIX, AND ORIGIN OF SEED.

11. HYDROSEED SPECIES AND SEEDING RATES TO BE DETERMINED. QUANTITIES FOR TACKIFIER, MULCH, FERTILIZER, AND ANY NEEDED NURSE SEED TO BE DETERMINED. OWNER'S REP TO PROVIDE SITE CONSTRUCTION AND HYDROSEED SCHEDULE TO LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IN ORDER TO DEVELOP OVERALL SEEDING STRATEGY AND TO SPECIFY CORRECT QUANTITIES OF MATERIALS RELATED TO THE INSTALLATION OF HYDROSEED AND ASSOCIATED PRODUCTS AND MATERIALS. APPLY HYDROSEED PER MANUFACTURER'S AND SEED SUPPLIER'S RECOMMENDATIONS.

12. SOD GRASS: CONTRACTOR SHALL SUBMIT AVAILABLE SOD GRASS MIXTURES ON THE CURRENT MARKET TO THE LANDSCAPE ARCHITECT FOR SELECTION AND APPROVAL. THE SOD SHALL BE FIELD GROWN, ONE CALENDAR YEAR OR OLDER, HAVE A WELL-DEVELOPED ROOT STRUCTURE, AND BE FREE OF ALL WEEDS, DISEASE, AND INSECT DAMAGE. PRIOR TO CUTTING, THE SOD SHALL BE GREEN, IN AN ACTIVE AND VIGOROUS STATE OF GROWTH, AND MOWED TO A HEIGHT NOT EXCEEDING ONE (1) INCH. THE SOD SHALL BE CUT WITH A MINIMUM OF ONE (1) INCH OF SOIL ADHERING.

13. PLANT MATERIAL SHALL BE DELIVERED AFTER PREPARATION OF PLANTING AREAS HAS BEEN COMPLETED AND SHALL BE INSTALLED IMMEDIATELY. IF INSTALLATION IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, SET MATERIAL IN SHADE, PROTECT FOR WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOT BALLS MOIST BY COVERING WITH MULCH, BURLAP, OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.

14. CONTRACTOR SHALL INSTALL PLANT MATERIALS ONLY AFTER ALL OTHER CONSTRUCTION OPERATIONS THAT CONFLICT HAVE BEEN COMPLETED. IF AN IRRIGATION SYSTEM IS TO BE INSTALLED, PLANT MATERIALS SHALL BE INSTALLED AFTER THE IRRIGATION SYSTEM HAS BEEN INSTALLED, TESTED, AND APPROVED BY THE OWNER'S REP.

15. PRIOR TO INSTALLATION, ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REP AT THE TIME OF DELIVERY TO THE SITE FOR CONFORMANCE WITH THE REQUIREMENTS OF THE PLANT SCHEDULE, PLANT SPECIFICATIONS, AND STORAGE AND HANDLING REQUIREMENTS. CONTRACTOR SHALL PROVIDE A MINIMUM OF TWO (2) WEEKS OF NOTICE PRIOR TO DELIVERY TO THE OWNER'S REP.

16. HANDLE PLANTS WITH CARE. DO NOT DAMAGE OR BREAK ROOT SYSTEM, BARK, OR BRANCHES. REPAIR AND/OR REPLACE ITEMS DAMAGED AS A RESULT OF WORK OR WORK THAT IS NOT IN COMPLIANCE WITH PLANS AND NOTES AS DIRECTED BY OWNER'S REP AT NO ADDITIONAL COST TO THE OWNER.

17. ARRANGE TREES AND SHRUBS ON SITE IN PROPOSED LOCATIONS PER PLANS. LAYOUT OF PLANTING AREAS AND PLACEMENT OF TREES, SHRUBS, AND GROUNDCOVERS SHALL BE APPROVED BY THE OWNER'S REP PRIOR TO INSTALLATION, UTILITY CLEARANCES FOR PLANT MATERIALS SHALL BE:

a. GROUNDCOVER SHALL BE LOCATED MIN 24 INCHES FROM FIRE HYDRANTS AND UTILITY VAULTS.

b. SHRUBS SHALL BE LOCATED MIN 3 FEET FROM BUILDING WALLS AND MIN 8 FEET FROM FIRE HYDRANTS AND UTILITY VAULTS.

c. TREE TRUNKS SHALL BE LOCATED MIN 15 FEET FROM BUILDING WALLS AND STREET LIGHTS, MIN 10 FEET FROM UNDERGROUND UTILITIES, AND MIN 3 FEET FROM EDGE OF PLANTING AREA.

d. TREE LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UTILITIES, BUILDING ENTRANCES, OR WINDOWS. ADJUSTMENTS GREATER THAN 15' OC MUST BE APPROVED BY LANDSCAPE ARCHITECT.

18. TREES SHALL BE INSTALLED FIRST; SHRUBS SECOND; AND GROUNDCOVERS THIRD. EXCAVATE PIT, PLANT, AND STAKE OR GUY AS CALLED OUT AND DETAILED. EXCAVATE PITS FOR GROUNDCOVERS TO A MIN 3 INCHES BELOW AND TWICE THE ROOT BALL DIA WATER THOROUGHLY AND TAKE CARE TO ENSURE THAT ROOT CROWNS ARE AT PROPER GRADE AS DETAILED. ALL PLANT MATERIAL AND SUPPORTS TO STAND VERTICAL.

19. CONTRACTOR SHALL BACKFILL PLANTING PITS WITH PLANTING SOIL AS DEFINED IN SOIL PREPARATION NOTES. SETTLE PLANTING SOIL USING WATER ONLY. MECHANICAL COMPACTION IS NOT PERMITTED.

20. TREES SHALL BE STAKED OR GUYED PER DETAILS WITHIN TWENTY-FOUR (24) HOURS OF INSTALLATION. STAKES TO BE MIN 8 FEET LENGTH LODGEPOLE PINE STAKES WITH 2 INCH DIAMETER. GUY MATERIAL TO BE ONE (1) INCH WIDE POLYETHYLENE CHAIN LOCK TYPE TIES OR 3/8 INCH DIAMETER RUBBER. WIRE IS NOT PERMITTED.

21. LABEL AT LEAST ONE (1) TREE, SHRUB, AND GROUNDCOVER OF EACH VARIETY WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF **BOTANICAL AND COMMON NAMES** 

# SOIL PREPARATION NOTES AND REQUIREMENTS

### GENERAL REQUIREMENTS

1. CONTRACTOR SHALL SUPPLY ALL SOILS, COMPOST, MULCHES, AND RELATED MATERIALS. CONTRACTOR SHALL DETERMINE THE VOLUME OF MATERIALS REQUIRED PER THE INFORMATION ON PLANS, DETAILS, AND NOTED HERE-IN.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY WEED CONTROL RESULTING FROM CONTAMINATED OFF-SITE MATERIAL SOURCES.

3. ALL LANDSCAPE AREAS, AREAS OF BARE SOIL, AREAS IMPACTED BY VEHICULAR USE OF ANY KIND, OR STORAGE OF MATERIALS OUTSIDE OF THE CLEARING LIMITS SHALL RECEIVE FULL SUBGRADE PREPARATION, INCLUDING COMPOST AND AMENDMENTS.

4. CONTRACTOR SHALL ACCOMMODATE ANY FLUFF FACTOR OR SETTLING OF SOILS. DEPTHS SHOWN ARE MINIMUMS.

5. AFTER ROUGH GRADING AND PRIOR TO SOIL PREPARATION, CONTRACTOR SHALL SEND TWO (2) REPRESENTATIVE SOIL SAMPLES FROM LOCATIONS AS DIRECTED BY THE LANDSCAPE ARCHITECT TO TESTING LABORATORY FOR TEST #A05-2. SUBMIT RESULTS TO LANDSCAPE ARCHITECT FOR REVIEW. TESTS TO INCLUDE FERTILITY AND SUITABILITY ANALYSIS WITH WRITTEN RECOMMENDATIONS FOR SOIL AMENDMENT, FERTILIZER, CONDITIONERS, APPLICATIONS RATES, AND POST-CONSTRUCTION MAINTENANCE PROGRAM. TESTS TO BE CONTRACTED WITH AND PAID FOR BY THE CONTRACTOR.

6. SOIL AMENDMENTS AND FERTILIZER NOTED BELOW ARE TO BE USED FOR BID PRICE BASIS ONLY. SPECIFIC AMENDMENTS AND FERTILIZERS WILL BE MADE AFTER SOIL SAMPLES ARE LABORATORY TESTED BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE CHANGE ORDER FOR ADDITION OR REDUCTION OF MATERIALS REQUIRED OR NOT REQUIRED BY THE SOILS REPORT.

### MATERIALS

7. TOPSOIL TO CONSIST OF EQUAL PARTS BY VOLUME SANDY LOAM, COMPOST, AND COARSE-WASHED SAND OR EQUIVALENT, PROCESSED THROUGH A 1/2" SIEVE. TOPSOIL SHALL NOT CONTAIN ANY RECYCLED MATERIAL, FOREIGN MATERIALS, OR ANY LISTED NOXIOUS AND NUISANCE WEEDS OF ANY CLASS DESIGNATED BY AUTHORIZED STATE OR COUNTY OFFICIALS. AT MINIMUM, TOPSOIL PRODUCTS BROUGHT ON SITE SHALL CONTAIN AMENDMENTS AS LISTED BELOW.

COMPOST PRODUCTS SHALL BE THE RESULT OF THE BIOLOGICAL DEGRADATION AND TRANSFORMATION OF ORGANIC MATERIALS UNDER CONTROLLED CONDITIONS DESIGNED TO PROMOTE AEROBIC DECOMPOSITION. COMPOST SHALL BE STABLE WITH REGARD TO OXYGEN CONSUMPTION AND CARBON DIOXIDE GENERATION. COMPOST SHALL BE MATURE WITH REGARD TO ITS SUITABILITY FOR SERVING AS A SOIL AMENDMENT. THE COMPOST SHALL HAVE A MOISTURE CONTENT THAT HAS NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING THE MATERIAL.

A. <u>FINE COMPOST</u> SHALL MEET THE FOLLOWING GRADATION: PERCENT PASSING 1" SIEVE SIZE: MIN 100%

ii. PERCENT PASSING 5/8" SIEVE SIZE: MIN 90%, MAX 100%

iii. PERCENT PASSING 1/4" SIEVE SIZE: MIN 75%, MAX 100%

B. COARSE COMPOST SHALL MEET THE FOLLOWING GRADATION:

PERCENT PASSING 2" SIEVE SIZE: MIN 100%

ii. PERCENT PASSING 1" SIEVE SIZE: MIN 90%, MAX 100% iii. PERCENT PASSING 3/4" SIEVE SIZE: MIN 70%, MAX 100%

iv. PERCENT PASSING 1/4" SIEVE SIZE: MIN 40%, MAX 60%

C. MINIMUM ORGANIC MATTER OF COMPOST PRODUCTS SHALL BE 40% BY DRY

D. THE COMPOST PRODUCT SHALL ORIGINATE FROM ORGANIC WOOD WASTE, YARD DEBRIS, POST-CONSUMER FOOD WASTE, PRE-CONSUMER ANIMAL-BASED WASTES, AND/OR PRE-CONSUMER VEGETATIVE WASTE. THE CONTRACTOR SHALL PROVIDE A LIST OF COMPOST SOURCES BY PERCENTAGE IN THE FINAL COMPOST PRODUCT TO THE LANDSCAPE ARCHITECT.

9. ROCK MULCH SHALL BE HARD, DURABLE STONE WASHED FREE OF LOAM, SAND, CLAY, AND OTHER FOREIGN SUBSTANCES. ROCK MULCH SHALL BE OF THE FOLLOWING TYPE. SIZE RANGE, AND COLOR:

A. TYPE: ROUNDED RIVERBED GRAVEL

B. SIZE RANGE: 2 INCHES MINIMUM, 3 INCHES MAXIMUM C. COLOR: READILY AVAILABLE NATURAL GRAVEL COLOR RANGE.

### SOIL AMENDMENTS

10. FERTILIZER SHALL BE A STANDARD COMMERCIAL GRADE OF ORGANIC FERTILIZER. IT MAY BE SEPARATE OR IN A MIXTURE CONTAINING THE PERCENTAGE OF TOTAL NITROGEN, AVAILABLE PHOSPHORIC ACID, AND WATER-SOLUBLE POTASH OR SULFUR IN THE AMOUNTS RECOMMENDED IN THE SOILS REPORT. ALL FERTILIZERS SHALL BE FURNISHED IN STANDARD UNOPENED CONTAINERS WITH WEIGHT, NAME OF PLANT NUTRIENTS, AND MANUFACTURER'S GUARANTEED STATEMENT OF ANALYSIS CLEARLY MARKED, ALL IN ACCORDANCE WITH STATE AND FEDERAL LAWS.

11. TOPSOIL TO INCLUDE THE FOLLOWING AMENDMENTS AS NECESSARY PER 1,000 SQUARE FT. ALL AMENDMENTS TO BE THOROUGHLY MIXED PRIOR TO INCORPORATION

A. SIX (6) CUBIC YARDS ORGANIC FINE COMPOST.

B. THIRTY (30) POUNDS NITROFORM (38-0-0)

C. FIVE (5) POUNDS AMMONIUM SULFATE D. FORTY (40) POUNDS CALCIUM CARBONATE LIMESTONE

E. FORTY (40) POUNDS DOLOMITE LIMESTONE F. FIVE (5) OUNCES BORON (AS BORAX)

SUBGRADE PREPARATION 12. ESTABLISH SUBGRADE ELEVATIONS THAT WILL ACCOMMODATE TOPSOIL, AMENDMENT,

FOLLOWS, UON:

A. RIP SUB-GRADE TO A DEPTH OF EIGHT (8) INCHES. B. REMOVE COBBLES, ROCKS, CONCRETE, ASPHALT, AND OTHER DEBRIS OVER TWO

(2) INCHES IN DIAMETER FOR PLANTING AREAS. 13. ERADICATE ANY SURFACE VEGETATION ROOTED IN THE SUBGRADE PRIOR TO SUBGRADE PREPARATION.

AND MULCH DEPTHS. SUBGRADE PREPARATION FOR PLANTING AREAS SHALL BE AS

14. THOROUGHLY SCARIFY AND RIP ALL LANDSCAPE SUB-GRADES THAT HAVE BECOME COMPACTED TO A DEPTH OF TWELVE (12) INCHES WITH MULTIPLE PASSES. 90 DEGREES TO EACH OTHER. SCARIFY AREAS INACCESSIBLE TO MECHANIZED EQUIPMENT AND AROUND EXISTING PLANTINGS NOTED TO REMAIN WITH HAND TOOLS.

15. VERIFY THAT ALL SOIL CONTAMINANTS (INCLUDING, BUT NOT LIMITED TO, PAINT, SEALANTS, SOLVENTS, OILS, GREASES, CONCRETE/ASPHALT SPOILS, ETC.) HAVE BEEN SATISFACTORILY REMOVED FROM ALL PLANTING AREAS. REMOVE ANY ASPHALT EXTENDING BEYOND SIX (6) INCHES FROM CURBS INTO ADJACENT LANDSCAPES. DO NOT BEGIN WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND APPROVED BY OWNER'S REPRESENTATIVE.

16. CONTRACTOR SHALL PLACE TOPSOIL WITH AMENDMENTS ON PREPARED SUBGRADE

17. MOISTEN PREPARED AREAS BEFORE PLANTING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE PLANTING. DO NOT CREATE MUDDY SOIL.

# FINAL GRADING AND MULCHING

18. ALL FINISH GRADES TO BE SMOOTH, EVEN GRADES AND LIGHTLY COMPACTED, AS SHOWN ON THE PLAN AND DETAILS. PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND STRUCTURES. SEE GRADING PLANS FOR FINAL ELEVATIONS.

19. ALL LANDSCAPE AREAS NOT COVERED BY LAWN AND/OR SEED SHALL RECEIVE THREE (3) INCHES OF ROCK MULCH, UON. FINELY GRADE MULCH AWAY FROM TREE TRUNKS AND SHRUB STEMS. DO NOT PLACE MULCH DIRECTLY AGAINST TREE TRUNKS OR

Atlanta Georgia 30349-2998

Revisions: Mark Date By



LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

LANDSCAPE NOTES AND REQUIREMENTS

VERSION: ISSUE DATE:

: <u>20514</u> Job No. : <u>04373</u> Store :02/19/2 IDrawn By Checked By: JMV

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# TREE REPLACEMENT PLAN FOR CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON

# REPLACEMENT TREE SCHEDULE

<i>,</i> .C	EMEINT TREE SOLIEBSEE						
	BOTANICAL / COMMON NAME	CONT.	SIZE	WATER USE	ORIGIN	FOLIAGE	QTY
	ACER CIRCINATUM / VINE MAPLE	В&В	2" DBH	LOW	NATIVE	DECIDUOUS	2
	AMELANCHIER X GRANDIFLORA `AUTUMN BRILLIANCE` / `AUTUMN BRILLIANCE` SERVICEBERRY	В&В	8` MIN HT	LOW	HYBRID	DECIDUOUS	2
)	CARPINUS BETULUS `COLUMNARIS` / COLUMNAR EUROPEAN HORNBEAM	B & B	2" CAL, 8` MIN HT	LOW	EXOTIC	DECIDUOUS	5
	CERCIDIPHYLLUM JAPONICUM / KATSURA TREE	В&В	2" CAL, 8` MIN HT	LOW	EXOTIC	DECIDUOUS	7
	PARROTIA PERSICA `RUBY VASE` / RUBY VASE PERSIAN PARROTIA	B & B	2" CAL, 8` MIN HT	LOW	EXOTIC	DECIDUOUS	11
					TOTAL	REPLACEMENT	-

LYI	NNWOOD	Class II Tree Removal Permit	t Application
PERMI	TCENTER	Tree Removal Ca	lculation
Project	Name: Chick-fil-a Lynnwood	I	
Compl	eted By: Jessi Barnes, PLA		
SEC'	TION 1: SIGNIFICAN	Γ TREES	
Q1)	Number of significant trees t	o be removed	19
Q2)	Sum total DBH* of all signif	icant trees to be removed	173.5
Q3)	Average DBH of significant	trees (Q2 ÷ Q1)	9.1
Q4)	Tree Units based on DBH tal	ole in section 17.15.090	1
Q5)	Total number of significant t	ree units (Q4 x Q1)	19
	*DBH - Diameter of tre	ee at Breast Height, see LMC Section 17.15.040	
SEC'	TION 2: NON-SIGNIFI	CANT TREES	
Q6)	Number of non-significant tr	ees to be removed (LMC 17.15.080)	5
Q7)	Number of trees required to	replace non-significant trees (Q6 ÷ 10)	1

	<u>OR</u> if developed land cannot sustain this amount, enter Q9	
ECT	TION 6: UNREPLACEABLE TREES	
1)	Unreplaceable trees (Q8 - Q9, if negative then enter 0)	0
ECT	TION 7: TREES PLANTED AND OPTION FEE	
2a)	Minimum number of trees that must be planted (Q10)	20
2b)	Number of trees planted	20
2c)	Number of Option Trees (Q9 - Q12b, if negative then enter 0)	0
ECT	TION 8: FEES	
3a)	Significant Tree Base Fee \$193.00 (If Q1 is more than 0, up to 10 trees)	\$ 193.00
3b)	Number of trees over 10 removed (Q5 - 10, if negative then enter 0)	9
3c)	Additional Significant Tree Fee (Q13b x \$8.00)	\$ 72.00
4)	Non-Significant Tree Base Fee (\$65.00 if Q6 is more than 0)	\$ 65.00
5)	Unreplaceable Tree Fee (Q11 x \$106.00)	\$ -
6)	Option Tree Fee (Q12c x \$187.00)	\$ -

SECTION 4: NUMBER OF TREES THE LAND CAN SUSTAIN

Q9) Total number of replacement trees sustainable in developed land

Required to be determined by certified arborist (LMC 17.15.100.A)

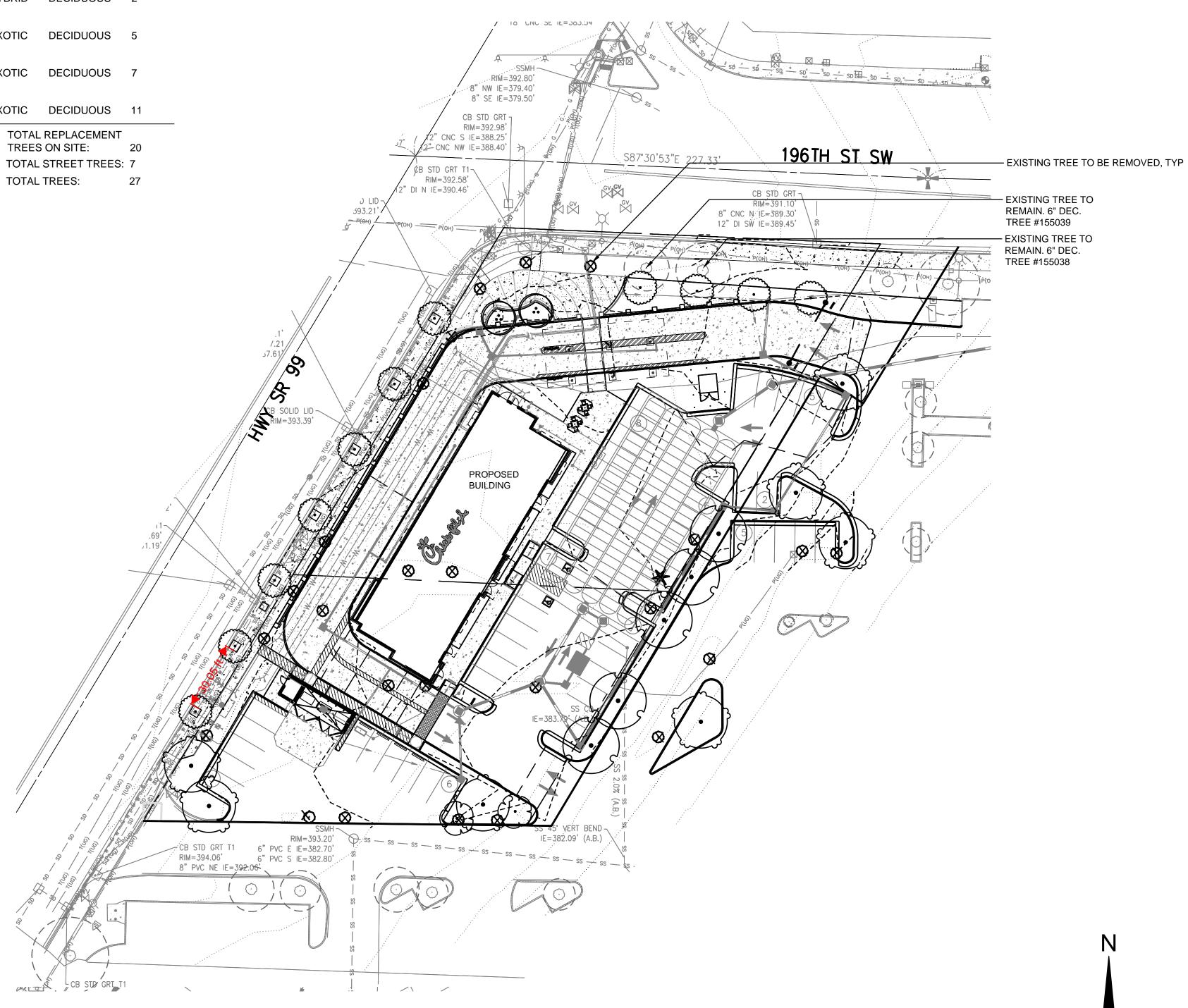
SECTION 5: REQUIRED REPLACEMENT TREES

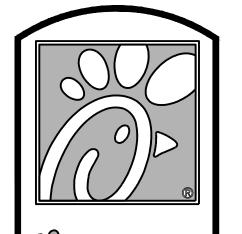
Q10) Required minimum number of replacement trees (Q1 + Q7)

Q17) TOTAL TREE FEE (Q13a + Q13c + Q14 + Q15 + Q16)

4114 198TH St SW, Suite 7 | PO Box 5008 | Lynnwood, WA 98046-5008 | Phone: 425-670-5410 | Fax: 425-771-6534 | www.ci.lynnwood.wa.us

\$ 330.00





Chick-fil-1

5200 Buffington Rd. Atlanta Georgia, 30349—2998

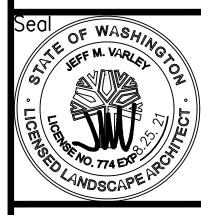
Revisions:

Mark Date By

2/19/21 TCR

PER SITE PLAN

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Sargnausen
Consulting Engineers,
3215 72nd Avenue South
ent, WA 98032
25.251.6222 barghauser



STORE LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

TREE REPLACEMENT PLAN

VERSION: ISSUE DATE:

Job No. : <u>20514</u>
Store : <u>04373</u>
Date : <u>02/19/2</u>
Drawn By : <u>TCR</u>
Checked By: <u>JMV</u>

Sheet

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# LANDSCAPE PLANTING PLAN CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON

PLANT SCHE	DULE				
TREES	BOTANICAL / COMMON NAME	CONT.	SIZE		<u>QTY</u>
	ACER CIRCINATUM / VINE MAPLE NURSERY GROWN, UNCUT LEADER(S). STAKE AND GUY ONE GROWING SEASON.	B & B	2" CAL OR 3" TOTAL MULTISTEM		2
	AMELANCHIER X GRANDIFLORA `AUTUMN BRILLIANCE` / `AUTUMN BRILLIANCE` SERVICEBERRY NURSERY GROWN, UNCUT LEADER(S). STAKE AND GUY ONE GROWING SEASON.	B & B	2" CAL OR 3" TOTAL MULTISTEM		2
	CARPINUS BETULUS `COLUMNARIS` / COLUMNAR EUROPEAN HORNBEAM NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5`, UNCUT LEADER(S). STAKE AND GUY ONE GROWING SEASON.	B & B	2" CAL, 8` MIN HT		5
	CERCIDIPHYLLUM JAPONICUM / KATSURA TREE NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5`, UNCUT LEADER(S). STAKE AND GUY ONE GROWING SEASON.	B & B	2" CAL, 8` MIN HT		7
ۥ}	PARROTIA PERSICA `RUBY VASE` / RUBY VASE PERSIAN PARROTIA NURSERY GROWN FOR STREET TREE USE, BRANCHING AT 5`, UNCUT LEADER(S). STAKE AND GUY ONE GROWING SEASON.	B & B	2" CAL, 8` MIN HT		11
SHRUBS	BOTANICAL / COMMON NAME	CONT.	WATER USE	SPACING	QTY
Fx	FORSYTHIA X `FIESTA` / FIESTA FORSYTHIA FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		48" o.c.	2
F	FOTHERGILLA GARDENII `MT. AIRY` / DWARF WITCHALDER FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		60" o.c.	19
	LAVANDULA ANGUSTIFOLIA `HIDCOTE` / HIDCOTE LAVENDER FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		36" o.c.	43
N	NANDINA DOMESTICA `MOON BAY` TM / HEAVENLY BAMBOO FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		36" o.c.	83
	THUJA OCCIDENTALIS `SMARAGD` / EMERALD GREEN ARBORVITAE FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	6` MIN HT		36" o.c.	11
GRASS/GRASS-LIKE	BOTANICAL / COMMON NAME	CONT.	WATER USE	SPACING	<u>QTY</u>
<b>©</b>	CALAMAGROSTIS X ACUTIFLORA `KARL FOERSTER` / FEATHER REED GRASS FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		36" o.c.	6
$\bigoplus$	HELICTOTRICHON SEMPERVIRENS `SAPPHIRE` / BLUE OAT GRASS FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		24" o.c.	266
P	PENNISETUM ALOPECUROIDES `HAMELN` / HAMELN DWARF FOUNTAIN GRASS FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		36" o.c.	38
Pt	PHORMIUM X `SUNDOWNER` / SUNDOWNER NEW ZEALAND FLAX FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		48" o.c.	25
GROUND COVERS	BOTANICAL / COMMON NAME	CONT.	WATER USE	SPACING	<u>QTY</u>
	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.	#1		24" o.c.	1,133

TEMPORARY LAWN SOD OR SEED LAWN. SEE PLANTING NOTES. NO IRRIGATION PROPOSED.

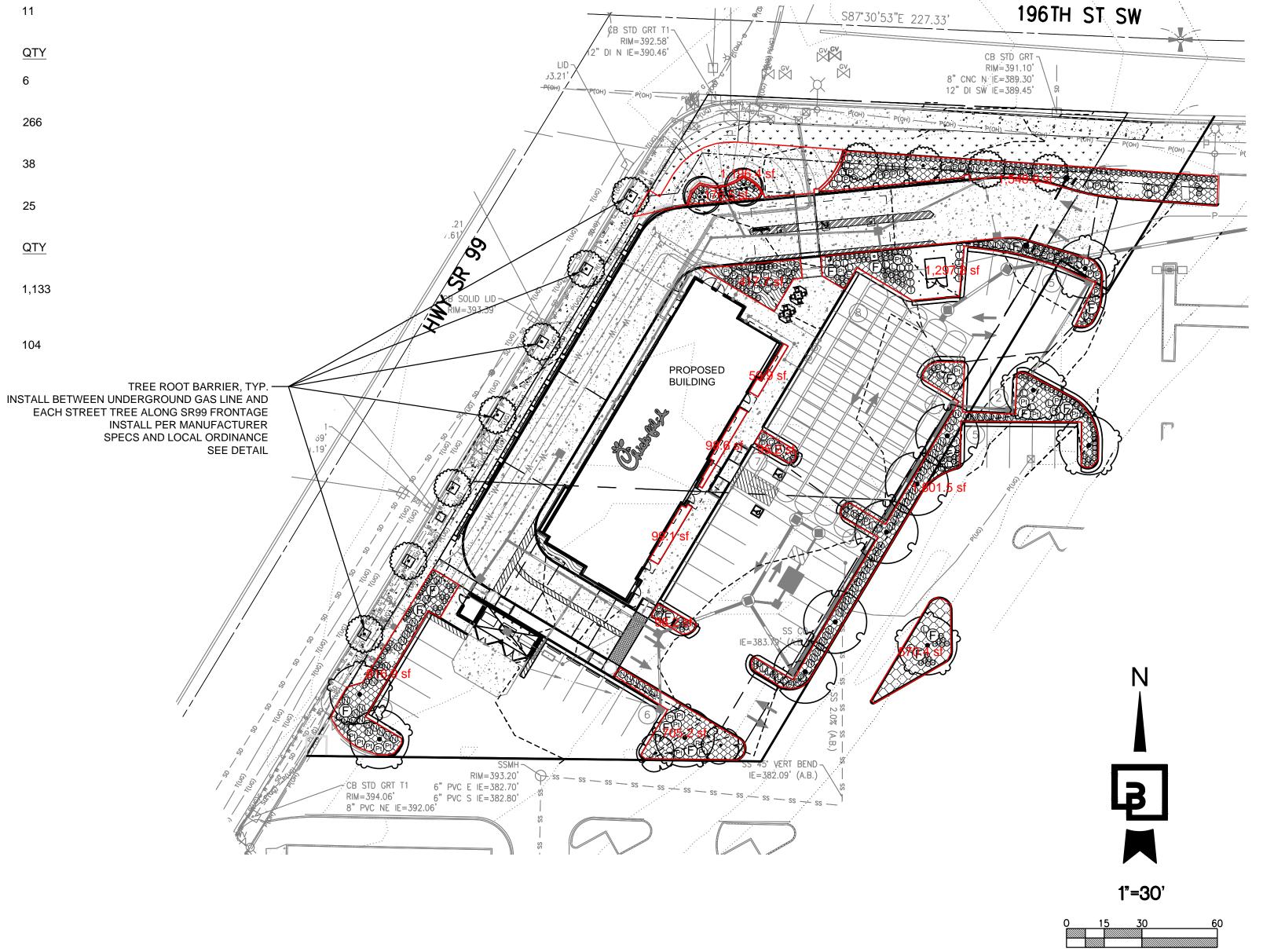
ERICA CARNEA `SPRINGWOOD WHITE` / WHITE SPRING HEATHER

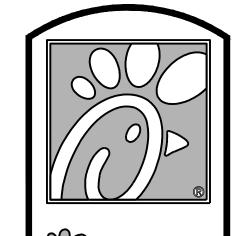
FULL AND MATCHING. REMOVE ALL WEEDS FROM NURSERY CONTAINERS BEFORE PLANTING.

### SITE INFORMATION

EXISTING PROJECT SURFACE	AREAS			
TOTAL SITE AREA:	53,631	SF	(1.23	AC)
TOTAL IMPERVIOUS:	43,957	SF	(1.01	AC)
TOTAL PERVIOUS AREA:	9,674	SF	(0.22	AC)
PROPOSED PROJECT SURFAC	E AREAS	<u>S</u>		
TOTAL SITE AREA:	53,631		•	•
WITHIN PROPERTY:	48,850		•	•
TOTAL IMPERVIOUS:	44,919	SF	(1.03	AC)
BUILDING:	5,182	SF	(0.12	AC)
PAVEMENT WITHIN				
PROPERTY LINE:	36,095	SF	(0.83	AC)
PAVEMENT OUTSIDE				
PROPERTY LINE:			(0.08	•
TOTAL PERVIOUS AREA:	8,712	SF	(0.20	AC)
WITHIN PROPERTY			4	
LINE:	7,573	SF	(0.17	AC)
OUTSIDE PROPERTY	1 170	CE	(0.07	401
LINE:	1,139	21	(0.03	AC)

TOTAL PROJECT AREA: 53,631 SF (1.23 AC) TOTAL PROPERTY AREA: 48,850 SF (1.12 AC)

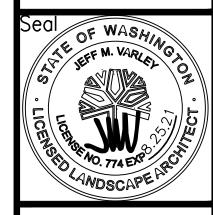


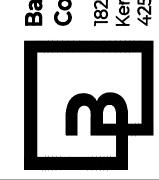


5200 Buffington Rd. Atlanta Georgia, 30349—2998

Revisions:

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LANDSCAPE PLANTING

VERSION: ISSUE DATE:

Job No. : <u>04373</u> :02/19/2 Drawn By Checked By: JMV

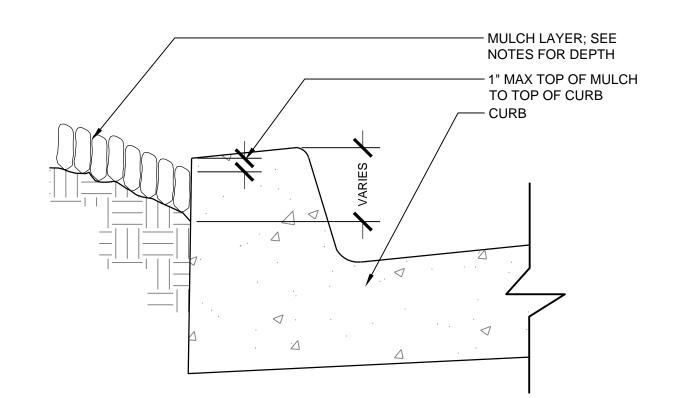
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# Know what's **below.** Call before you dig.

# LANDSCAPE AND PLANTING DETAILS

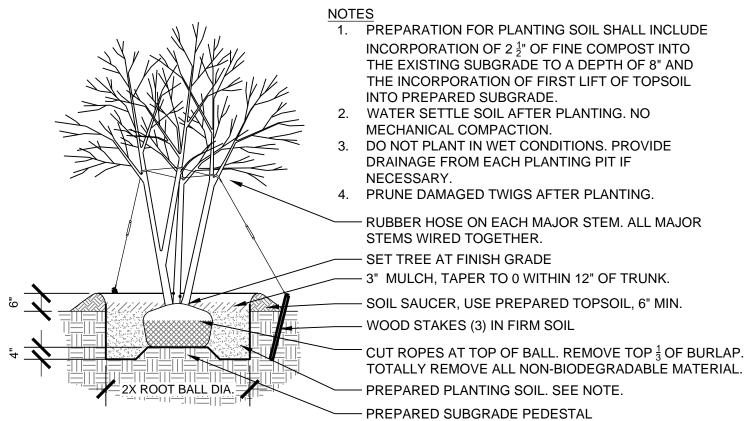
# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON



# MULCH AT CURB

NOT TO SCALE



# MULTI-STEM TREE PLANTING

<u>NOTES</u> 1. SEE PLANT SCHEDULE FOR GROUNDCOVER SPECIES, SIZE, AND SPACING. REMOVE CONTAINER AND WORK ROOTS FREE OF

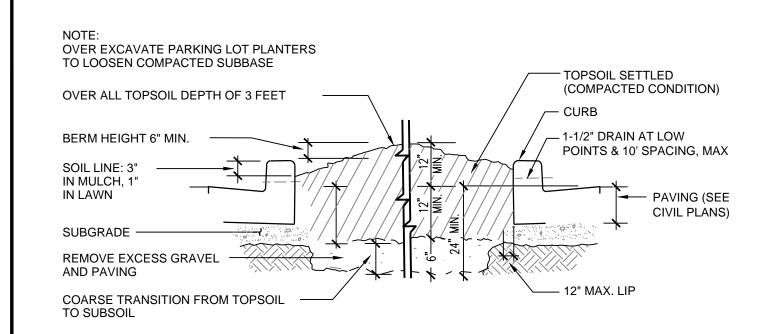
HOLD PLANTS TWO-THIRDS (2) OF THE RECOMMENDED O.C. PLANT SPACING FROM EDGE OF PLANTING AREA. SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING. SOIL SHALL BE

SETTLED USING WATER DO NOT PLANT IN WET CONDITIONS. PROVIDE DRAINAGE FROM EACH PLANTING PIT IF NECESSARY. 6. ALL PLANTS SHALL BE INSTALLED PRIOR TO

MULCHING.

- POSITION CROWN OF PLANT <sup>1</sup>/<sub>2</sub>" ABOVE FINISH GRADE. 3" MULCH (1.5" BARK OR WOOD CHIP MULCH ON TOP OF 1.5" FINE COMPOST) - FINISH GRADE. FEATHER EXCESS SOIL UNDER MULCH. – PREPARED SUBGRADE. ROTOTILL FIRST LIFT OF PLANTING SOIL INTO PREPARED SUBGRADE.

**GROUNDCOVER PLANTING** 



KEEP ROOTBALL MOIST AND PROTECTED AT ALL TIMES. . HOLD CROWN OF ROOTBALL AT OR JUST ABOVE FINISH GRADE. PROTECT TRUNK AND LIMBS FROM INJURY. 4. BACKFILL TO BE SETTLED USING WATER ONLY - NO MECHANICAL COMPACTION. 5. REMOVE ALL WRAP, TIES & CONTAINERS, REGARDLESS OF MATERIAL PRUNE DAMAGED TWIGS AFTER PLANTING PLACE IN VERT. POSITION: DOUBLE LEADERS WILL BE REJECTED (2) LODGEPOLE STAKES, PLUMB WITH ELASTIC CHAIN-LOCK TYPE -OR RUBBER GUYS TIED IN FIGURE EIGHT; REMOVE AFTER ONE PROTECTIVE WRAPPING DURING SHIPMENT TO SITE AND -INSTALLATION REMOVE AT COMPLETION OF PLANTING LAWN PLANTING; PROVIDE 3' Ø "NO GRASS" TREE RING AND 2" DEEP MULCH LAYER IN WELL. HOLD BACK FROM TRUNK 8" TO 10" REMOVE ALL WRAP, TIES, AND CONTAINERS SCORE -ROOTBALL AND WORK NURSERY SOIL AWAY FROM PERIMETER ROOTS PREPARE PLANTING BED PER SPEC'S; AT MIN., LOSSEN -AND MIX SOIL TO 18" OR DEPTH OF ROOTBALL AND 2 TIMES BALL DIAMETER SET BALL ON UNDISTURBED BASE OR COMPACTED -MOUND UNDER BALL PENETRATION TO SUBBASE (+) 24" -

# DECIDUOUS TREE PLANTING AND STAKING

SHRUB - PRUNE AS DIRECTED BY LANDSCAPE ARCHITECT MULCH LAYER. HOLD MULCH BACK 4" SAUCER FOR WATERING BACKFILL WITH PLANTING SOIL. SEE NOTES. SCARIFY ROOTBALL ON CONTAINER MATERIAL. REMOVE TOP 1/3 OF **BURLAP ON B&B MATERIAL** DUST ROOT BALL WITH ROOT GROWTH HORMONE 3x THE ROOTBALL DIAMETER

APPLY ADDITIONAL 4 OZ. 8-32-16 FERTILIZER INTO TOP 2" OF PLANTING SOIL. PLANT SHRUB HIGH ENOUGH TO ALLOW POSITIVE DRAINAGE AWAY FROM ROOTBALL. ROUGHEN ALL SURFACES OF PIT.

# SHRUB PLANTING

NOT TO SCALE

3" DEPTH MULCH LAYER. PLANTS SHALL BE TRIANGULARLY SPACED. EDGE OF PLANTING AREA. EDGE CONDITION VARIES. SEE PLANS.

X = RECOMMENDED**ON-CENTER SPACING** PLANT SPACING

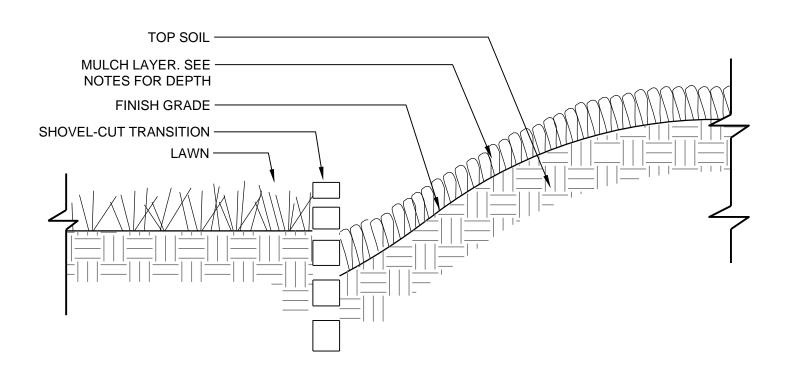
### FINISH GRADE AT MULCH LAYER 4:1 SLOPE MAXIMUM 2% SLOPE MINIMUM TOPSOIL AS SPECIFIED CURB PER CIVIL DRAWINGS (WALK FINISH GRADE AT SIMILAR) 3:1 SLOPE MAXIMUM 10:1 SLOPE MINIMUM PREPARED SUBGRADE CLEAR LAWN CONDITION MULCH CONDITION (CURB SIMILAR)

TYPICAL SECTION OF CURB AND GUTTER WITH DEEPROOT TREE ROOT BARRIER INSET INTO CONCRETE. BARRIER INSTALLED IN A TRENCH IN SUBGRADE WHICH IS THEN COMPACTED. BARRIER IS SET SO THAT TOP EDGE WILL BE 2" (5CM) BELOW FINISH GRADE OF CURB, AND SET FLUSH WITH EDGE OF CURB. BARRIER RIBS FACE TOWARD Top of root barrier 2" (5cm) below finish grade of curb INSTALLATION SEQUENCE: . Prepare base and subgrade 2. Trench to appropriate depth for installation of root barrier so that top of barrier is 2" (5cm) below finish grade of top of curb. 3. Place root barrier in trench, vertical ribs must face toward tree roots. 4. Backfill and compact to requirements. 5. Place form material against barrier (It may be nailed from the outside of the form) TYPICAL SECTION OF CURB, GUTTER AND SIDEWALK INSTALLATION SEQUENCE: WITH DEEPROOT TREE ROOT BARRIER INSET INTO . Prepare base and subgrade 2. Trench to appropriate depth for BARRIER INSTALLED IN A TRENCH IN SUBGRADE installation of root barrier so that top of barrier is 2" (5cm) below SO THAT TOP EDGE WILL BE 2" (5CM) ABOVE finish grade of top of sidewalk (or COMPACTED BASE (or halfway between base halfway between top of compacted base and finish grade of SW). BARRIER RIBS and finish grade of SW) FACE TOWARD TREE ROOTS. 3. Place root barrier in trench, vertical ribs must face toward tree roots. 4. Backfill and compact to requirements 5. Place form material against barrier (It may be nailed from the outside of the form) Compacted crushed base. Subgrade compaction Typical DeepRoot UB 24-2, optional use of UB 18-2 IMPORTANT NOTE: Tree location must align with "as-built" center of barrier. Top of root barrier 2' (5cm) below finish grade of curb Minimum 6 panels or 12 linear feet (3.66m).

# DEEPROOT TREE ROOT BARRIER NOT TO SCALE

Linear Application of DeepRoot Tree Root Barriers at Time

of Installing Concrete Sidewalks and Curbs

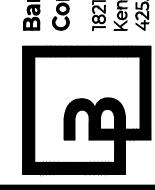


# GRADING AT PARKING LOT PLANTERS

5200 Buffington Rd Atlanta Georgia, 30349-2998

Revisions: Mark Date By

PER SITE PLAN



LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

LANDSCAPE AND PLANTING

**VERSION:** ISSUE DATE:

Job No. : <u>20514</u> : <u>04373</u> :02/19/ • TCR |Drawn By Checked By: JMV

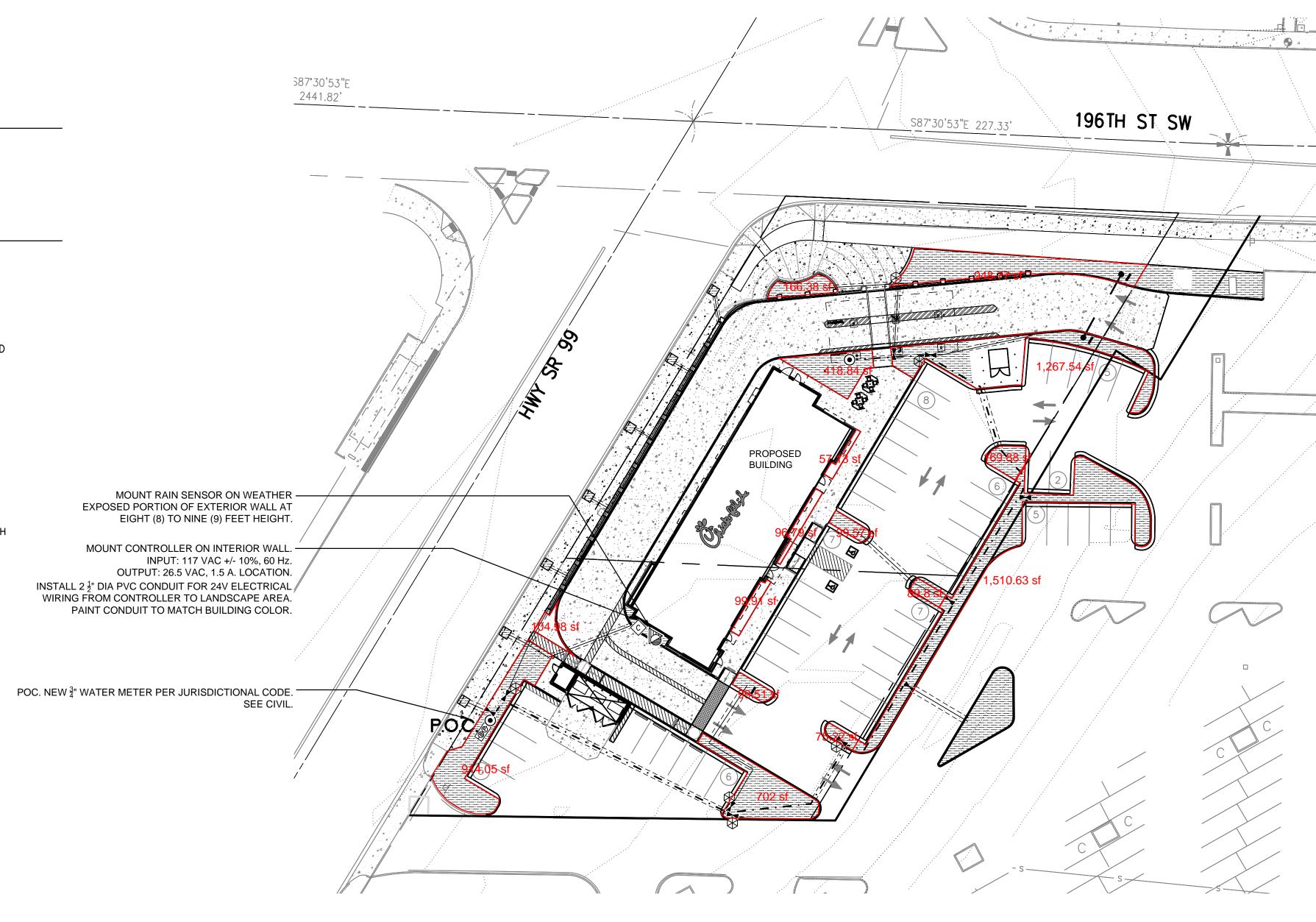
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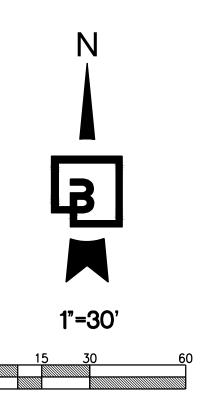


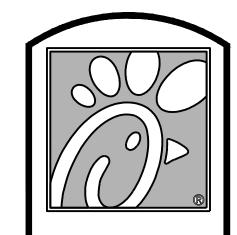
# IRRIGATION PLAN AND SCHEDULE

# CHICK-FIL-A LYNNWOOD

PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON



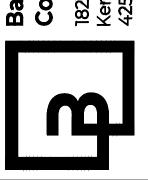




5200 Buffington Rd. Atlanta Georgia, 30349-2998

Revisions: Mark Date By

2/19/21 TĆR PER SITE PLAN



STORE LYNNWOOD FSU

19615 HWY 99 LYNNWOOD, WA

IRRIGATION PLAN AND SCHEDULE

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IRRIGATION SCHEDULE

DESCRIPTION

DRIP IRRIGATION: NETAFIM LANDSCAPE DRIPLINE COMPONENTS WITH NETAFIM TWIST LOCK FITTINGS AND ADAPTORS NCZ-1S 1 INCH NETAFIM CONTROL ZONE KIT WITH SCREEN FILTER, 50 PSI

> TLCV4 18025 DRIP TUBING TLSB TUBING STAPLES, 3' ON-CENTER

DESCRIPTION

DRIP IRRIGATION: 1 INCH NETAFIM CONTROL ZONE KIT WITH SCREEN FILTER, 50 PSI. ONE VALVE PER BOX

HUNTER MINI-CLIK WIRED RAIN SENSOR

HUNTER XC-HYBRID BATTERY-OPERATED IRRIGATION CONTROLLER, PROVIDE BATTERIES PER MFR.

P.O.C. BO WILKINS 950 XLT- 1" DOUBLE CHECK VALVE (STATE APPROVED); TEST AND CERTIFICATION BY LICENSED BACKFLOW TESTER WILKINS 850 - BALL VALVE, SIZE TO MATCH PIPE CARSON INDUSTRIES #1730 (TWO AT P.O.C.) GRADE LEVEL VAULT WITH BOLT LOCK LID

PLASTIC BALL VALVE, MATCH LINE SIZE, IN VALVE BOX

● HUNTER HQ-33DLRC 3/4" QUICK COUPLING VALVE, IN VALVE BOX, PROVIDE TWO KEYS AND SWIVELS

—— MAINLINE – SCH 40 PVC (18" COVER); SIZE PER PLAN, 2" SIZE MINIMUM

LATERAL - SCH 40 PVC (12" COVER); SIZE PER PLAN, 3/4" SIZE MINIMUM

SLEEVE - CLASS 200; 24" MINIMUM COVER AT VEHICLE CROSSINGS AND 18" MINIMUM COVER IN LANDSCAPE AREAS, 6" SIZE. WHERE ONLY A SINGLE LATERAL IRRIGATION LINE RUNS THROUGH THE SLEEVE, 4" DIAMETER CLASS 200 PIPE IS ALLOWED. ALL SLEEVES THAT ARE TO BE LOCATED UNDERNEATH ROADS SHALL BE 6" DIAMETER.

IRRIGATION SHOWN DIAGRAMATICALLY FOR PLAN CLARITY. COMMON TRENCH AND PLACE EQUIPMENT IN LANDSCAPE; MANIFOLD GROUPED VALVES IN ADJACENT SHRUB AREAS WHERE

# SCH 40 PIPE SIZING CHART

PIPE SIZE	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	
FLOW						_	
GPM	1–8	8.1-13	13.1-23	23.1-32	32.1-53	53.1-74	GPM (MAX.)



# IRRIGATION NOTES AND DETAILS

# CHICK-FIL-A LYNNWOOD

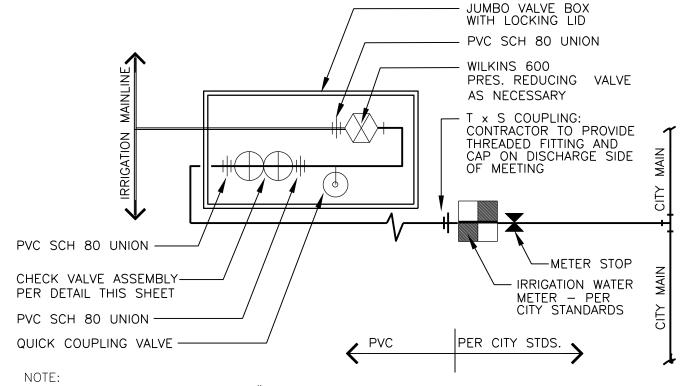
PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON

### GENERAL IRRIGATION NOTES:

- 1. GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR TO COORDINATE: A.INSTALLATION OF 110V ELECTRICAL SERVICE FROM ELECTRICAL SOURCE TO AUTOMATIC CONTROLLER, INCLUDING WIRE HOOK-UP INTO MOUNTED
- CONTROLLER. IRRIGATION CONTRACTOR WILL MOUNT CONTROLLER PER DESIGN AND COORDINATE WITH GENERAL CONTRACTOR. B.INSTALLATION OF IRRIGATION/SERVICE METER AND STUB TO IRRIGATION POINT OF CONNECTION PER UTILITY PLAN(S). PROVIDE STANDARD THREADED
- STUB-OUT TO BE INSTALLED APPROXIMATELY 18" BELOW FINISH GRADE. C. VERIFICATION OF STATIC WATER PRESSURE AT POC. CONTRACTOR SHALL NOTIFY OWNER'S REP OF ANY VARIATION IN STATIC PRESSURE OVER FIVE (5) PSI
- GREATER/LESS THAN DESIGN PRESSURE. D. INSTALLATION OF SLEEVING. 2. PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION, AND SERVICES NECESSARY TO FURNISH AND INSTALL A COMPLETE IRRIGATION SYSTEM AS INDICATED ON
- THE DRAWINGS AND/OR NOTES. PROVIDE A ONE (1) YEAR WARRANTY/GUARANTEE FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS IN MATERIALS, EQUIPMENT, 3. COORDINATE IRRIGATION INSTALLATION WITH GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR, LANDSCAPE CONTRACTOR, OWNER, ARCHITECT, AND LANDSCAPE
- 4.LANDSCAPE CONTRACTOR TO PROVIDE WRITTEN TEST RESULTS OF STATIC PRESSURE TO LANDSCAPE ARCHITECT PRIOR TO BEGINNING ANY WORK.
- 5. ALL WORK PER LOCAL CODE. INSTALLATION PER MANUFACTURER'S WRITTEN SPECIFICATIONS.
- 6. CONTRACTOR TO OBTAIN AND PAY FOR ALL PERMITS, FEES, AND REQUIRED CITY INSPECTIONS
- 7. SUBMITTALS: A. SUBMIT FIVE (5) COPIES OF EACH ITEM LISTED BELOW FOR LANDSCAPE ARCHITECT'S REVIEW AND APPROVAL
- B. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED C.CONTROL WIRING PATH DIAGRAM
- D. "AS-BUILT" DRAWINGS
- E. OPERATION AND MAINTENANCE MANUALS 8. PROVIDE AND KEEP UP TO DATE A COMPLETE "AS-BUILT" RECORD SET OF DRAWINGS THAT ARE TO BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DRAWINGS AND NOTES AND EXACT "AS-BUILT" LOCATIONS, SIZES, AND KINDS OF EQUIPMENT. THIS SET OF DRAWINGS ARE TO BE KEPT ON SITE AND ARE TO BE USED ONLY AS THE RECORD SET. ALL WORK IS TO BE NEAT AND LEGIBLE ANNOTATIONS THEREON DAILY AS THE WORK PROCEEDS, SHOWING WORK AS ACTUALLY INSTALLED. DIMENSION FROM TWO (2) PERMANENT POINTS OF REFERENCE (BUILDING CORNERS, WALKS, OR ROAD INTERSECTIONS, ETC.)
- A. CONNECTION TO WATER LINES (POC)

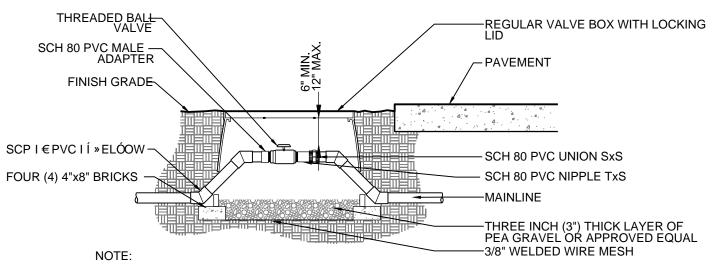
THE LOCATION OF THE FOLLOWING:

- B. CONNECTION TO ELECTRICAL POWER C.GATE VALVE, QUICK COUPLERS, AND REMOTE CONTROL VALVE
- D. ROUTING OF MAINLINE (DIMENSION MAXIMUM 100' ALONG ROUTING)
- E. ROUTING OF CONTROL WIRING
- F. OTHER RELATED EQUIPMENT AS DIRECTED BY THE LANDSCAPE ARCHITECT 9. PREPARE AND PROVIDE PRIOR COMPLETION OF CONSTRUCTION A THREE-RING BINDER CONTAINING THE FOLLOWING INFORMATION:
- A.INDEX SHEET STATING CONTRACTOR'S ADDRESS, TELEPHONE NUMBER, FAX, EMAIL, AND A LIST OF EQUIPMENT WITH NAME AND ADDRESS OF LOCAL
- MANUFACTURER'S REPRESENTATIVES B. CATALOG AND PARTS SHEETS ON EVERY MATERIAL AND EQUIPMENT INSTALLED UNDER THIS CONTRACT
- C.GUARANTEE STATEMENT
- D. COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR EQUIPMENT
- E. CONSTRUCTION DETAILS FROM THE PROJECT
- F. COMPLETE TROUBLE-SHOOTING GUIDE TO COMMON IRRIGATION PROBLEMS G. WINTERIZATION AND SPRING START-UP PROCEDURES
- H.CHART OF APPROXIMATE WATERING TIMES FOR SPRING, SUMMER, AND FALL
- I. A COPY OF THE "AS-BUILT" DRAWINGS AND CONTROLLER CHART
- 10. ALL VALVES TO BE PLACE IN "CARSON" GRADE LEVEL BOXES WITH BOLT-LOCK LIDS OR APPROVED EQUAL. SET BOXES 2" HIGHER THAN FINISH GRADE IN MULCH AREAS AND FLUSH WITH FINISH GRADE IN LAWN AREAS. JUMBO BOX FOR CHECK VALVE, 10" ROUND BOX FOR GATE/QUICK COUPLER/WIRE SPLICES, AND 12" STANDARD FOR CONTROL VALVES. PROVIDE BOX EXTENSION AS REQUIRED.
- 11. MAINLINE PIPE TO BE BURIED 18", LATERALS 12", AND SLEEVES 24" BELOW FINISH GRADE. NO ROCK OR DEBRIS TO BE BACKFILLED OVER PIPE.
- 12. HEAD AND LINE POSITIONING IS DIAGRAMMATIC ON PLAN. ADJUST IN FIELD AS NECESSARY FOR 100 PERCENT COVERAGE. VALVES TO BE POSITIONED ADJACENT TO PAVEMENT/CURBS IN SHRUB PLANTING AREAS WHERE POSSIBLE.
- 13. FAMILIARIZE OWNER'S FACILITY OPERATOR WITH IRRIGATION SYSTEM FUNCTION, CONTROLLER PROGRAMMING, SYSTEM OPERATION, AND MAINTENANCE
- REQUIREMENTS.
- 14. SPRINKLERS ON RISERS WILL NOT BE ALLOWED, UON. 15. RADIUS REDUCTION TO BE MADE BY USE OF PRESSURE ADJUSTMENT, SCREENS, AND/OR ALTERNATE NOZZLES. IN-NOZZLE ADJUSTMENT IS LIMITED TO 10
- PERCENT FOR SPRAY HEADS AND PER MANUFACTURER'S LIMITS FOR OTHER SPRINKLERS. SPRINKLER SPACING NOT TO EXCEED 60 PERCENT OF THE DIA OF
- 16. ALL CONTROL WIRE SPLICES TO BE MADE AT VALVE BOXES WITH WATERTIGHT ELECTRICAL SPLICES, 3M, SCOTT'S LOCK SEAL TACK 3576-78, OR APPROVED
- 17. EACH VALVE BOX TO CONTAIN A MIN OF TWO (2) SPACE ORANGE CONTROL WIRES FOR JACKETED WIRE. ROUTE SPARE WIRES FROM THE CONTROLLER TO THE LAST VALVE OF EACH MAINLINE BRANCH. COMMON WIRE TO BE WHITE. SINGLE STRAND WIRE TO BE 14 GAUGE, MIN.
- 18. ALL ELECTRICAL EQUIPMENT TO BE UL TESTED AND APPROVED AND BEAR THE UL LABEL. 19. CROSS CONNECTION PROTECTION INSPECTION REQ. BACKFLOW DEVICE TO BE TESTED UPON THE ORIGINAL INSTALLATION. TESTING TO BE PERFORMED BY A PERSON HOLDING A CURRENT CERTIFICATE AS A BACKFLOW TESTER. TEST REPORT TO BE SUBMITTED TO THE LOCAL WATER DISTRICT OR PURVEYOR AND
- OWNER'S REP WITH A COPY TO BARGHAUSEN CONSULTING ENGINEERS, INC. CONTRACTOR TO INCLUDE TESTING IN THE SCOPE OF WORK. OWNER IS RESPONSIBLE FOR ANNUAL INSPECTIONS AFTER THE INITIAL INSPECTION. 20. CONTRACTOR TO PROVIDE SYSTEM WINTERIZATION/SPRING SERVICE WHEN INSTALLATION HAS BEEN COMPLETED WITHIN NINETY (90) DAYS OF NOVEMBER 1
- FOR WINTERIZATION OR MAY 15 FOR SPRING SERVICE. SERVICE TO BE PERFORMED AS NEAR AS PRACTICAL TO THE ABOVE DATES OR AS FREEZE/PRECIPITATION CONDITIONS DETERMINE SERVICE. 21. IRRIGATION SCHEDULING
- A. THE IRRIGATION CONTROLLER CONTAINS A WATER BUDGET FEATURE. PERIODIC (WEEKLY) ADJUSTMENT OF THE WATER SCHEDULE IS INTENDED TO BE MADE VIA BUDGET ADJUSTMENT. READJUST WATERING DAYS AT 100 PERCENT BUDGET WHEN ADJUSTMENT EXCEEDS 30 PERCENT.
- B. SET CONTROLLER FOR HIGHEST ETO WATER SCHEDULE BASED ON PUBLISHED LOCAL EVAPOTRANSPIRATION DATA. C.SYSTEM HAS BEEN DESIGNED FOR 50 TO 80 PERCENT DISTRIBUTION UNIFORMITY. LAWN ZONES SHOULD BE SCHEDULED FOR 100 PERCENT REPLACEMENT FACTOR ON A TYPICAL MINIMUM THREE (3) DAY CYCLE. SHRUB ZONES SHOULD BE PROGRAMMED AT 40 TO 70 PERCENT OF THE MONTHLY LAWN WATER REQUIREMENT ON A ONCE PER WEEK CYCLE.
- D. ALL WATERING IN EXCESS OF THE LOCAL ETO ("FIELD RECHARGE") TO BE COMPLETED DURING THE CONSTRUCTION PHASE WHILE THE CONTRACTOR IS ON THE JOB SITE.
- E.OVER-WATERING OF LANDSCAPE DUE TO CONTROLLER SCHEDULING TO BE GROUNDS FOR CONTRACTOR TO REPAIR ANY RESULTANT DAMAGES AT CONTRACTOR'S EXPENSE. 22. SUBSTITUTION OF IRRIGATION MATERIAL/EQUIPMENT TO BE MADE ONLY UPON WRITTEN APPROVAL OF OWNER'S REP.
- 23. ALL ZONES TO PASS A MIN DISTRIBUTION UNIFORMITY OF 62 PERCENT, AS TESTED THROUGH AN IRRIGATION ASSOCIATION CERTIFIED WATER AUDIT.
- A.DURING IRRIGATION WORK, KEEP ALL PAVEMENT CLEAN AND WORK AREAS IN AN ORDERLY CONDITION.
- B.PROTECT IRRIGATION WORK AND MATERIALS FROM DAMAGE DUE TO LANDSCAPE AND IRRIGATION OPERATIONS AND TRESPASSERS. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIOD.
- C. TREAT, REPAIR, OR REPLACE DAMAGED LANDSCAPE AND IRRIGATION WORK AS DIRECTED BY OWNER'S REP. 25. PRIOR TO BACKFILLING IRRIGATION TRENCHES, LANDSCAPE CONTRACTOR SHALL CONDUCT A WATER PRESSURE AND COVERAGE TEST IN THE PRESENCE OF THE
- OWNER'S REP. LANDSCAPE CONTRACTOR TO GIVE THREE (3) WORKING DAYS NOTICE PRIOR TO TEST. 26. BIDDER-DESIGN IRRIGATION DESIGN BY LANDSCAPE CONTRACTOR TO INSTALL FULLY OPERATIONAL IRRIGATION SYSTEM WITH 100 PERCENT SEPARATION BETWEEN LAWN AND PLANTING AREAS.

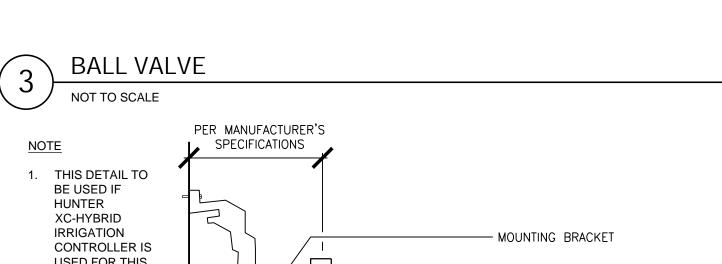


THE BACKFLOW DEVICE TO HAVE 6" MINIMUM UNOBSTRUCTED CLEARANCE ON ALL SIDES

# POINT OF CONNECTION (POC) NOT TO SCALE

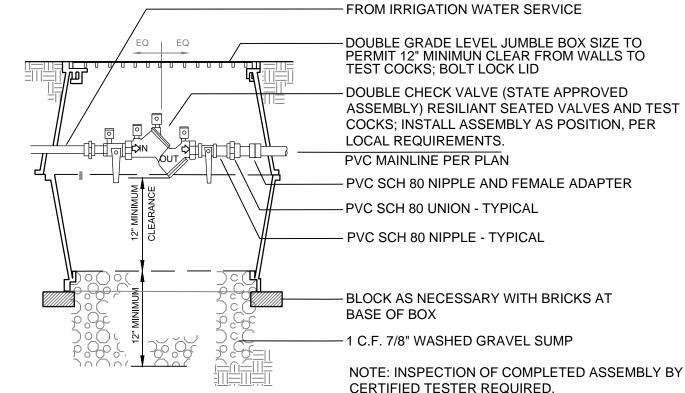


1. LOCATE VALVE BOXES IN PLANTING AREAS. AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE 3. ALL THREADED CONNECTIONS TO BE MADE USING TEFLON TAPE. 4. ALL CHANGES IN ELEVATION SHALL BE MADE USING SCH 40 PVC II » ELÖOWS.

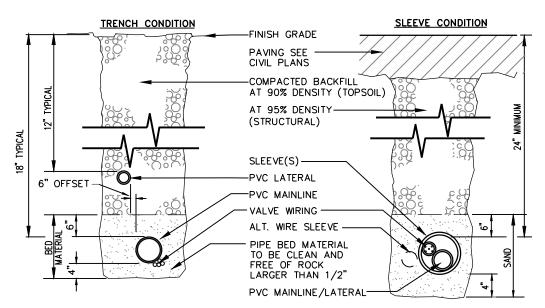


**USED FOR THIS** PROJECT. -RAIN SENSOR 2. MOUNT ON WEATHER **EXPOSED WALL** 8' ABOVE GRADE SECURE PER MANUFACTURER'S SPECIFICATIONS

RAIN SENSOR NOT TO SCALE



DOUBLE CHECK VALVE ASSEMBLY NOT TO SCALE



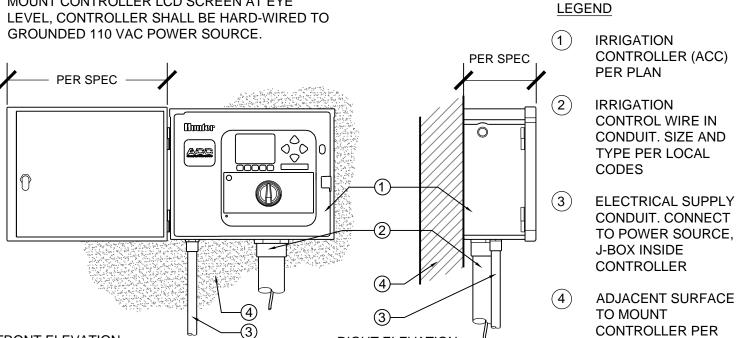
DIMENSIONS ARE MINIMUM CLEARANCES. ALL IRRIGATION SLEEVING TRENCH BACKFILL MATERIAL TO BE CLASS
"B" OR BETTER (MAX. OF 10% PASSING NO.40 SCREEN) AND BE
COMPACTED TO MIN. 95% OPTIMUM DENSITY PER ASTM D-1557-70



NOT TO SCALE

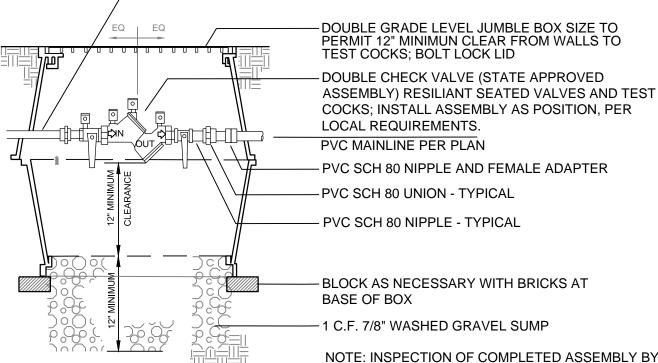
FRONT ELEVATION

NOTE MOUNT CONTROLLER LCD SCREEN AT EYE



IRRIGATION CONTROLLER - WALL MOUNT

**RIGHT ELEVATION** 



CERTIFIED TESTER REQUIRED.

5200 Buffington Rd

Atlanta Georgia,

30349-2998

Mark Date By

2/19/21 TCR

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IRRIGATION

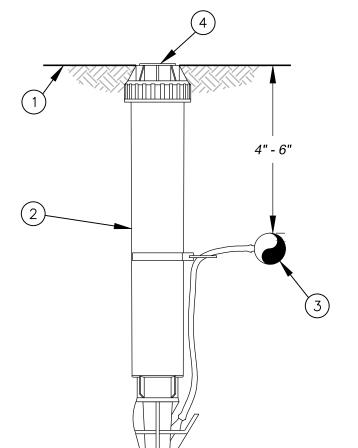
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Checked By: JMV Sheet

# IRRIGATION DETAILS CHICK-FIL-A LYNNWOOD

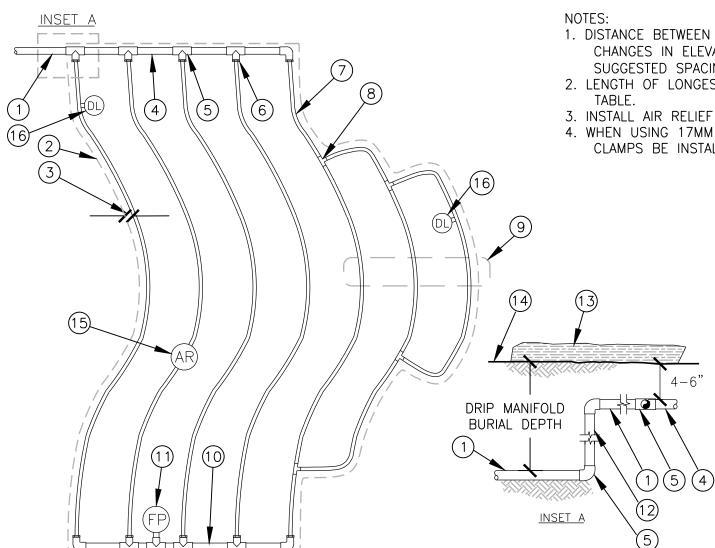
PTN OF THE NE1/4, OF THE NE1/4 OF SEC. 20, TWP. 27 N., RGE 4 EAST, W.M. CITY OF LYNNWOOD, SNOHOMISH COUNTY, STATE OF WASHINGTON



- (1) FINISH GRADE/TURF
- (2) OPERATION INDICATOR RAIN BIRD MODEL: OPERIND
- (3) SUB-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE POTABLE: XFS DRIPLINE NON-POTABLE: XFSP DRIPLINE
- (4) PURPLE CAP TO INDICATE NON-POTABLE

1. INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING. 2. VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO 1/4 PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.

### DRIP IRRIGATION DRIPLINE INDICATOR



- 1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR
- 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING
- 3. INSTALL AIR RELIEF VALVE AT HIGH POINTS IN DRIP LATERAL
- 4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.
  - (1) PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
  - (2) PERIMETER OF AREA
  - (3) PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
  - (4) PVC SUPPLY MANIFOLD
  - 5) PVC SCH 40 TEE OR EL (TYPICAL)
  - (6) BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
  - (7) SUB-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE (TYPICAL) POTABLE: XFS DRIPLINE

NON-POTABLE: XFSP DRIPLINE

15) 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARVO50 SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION

(8) ARB X BARB INSERT TEE:

(10) PVC FLUSH HEADER

(11) FLUSH POINT:

12) PVC RISER PIPE

13) TURF OR MULCH

(14) FINISH GRADE

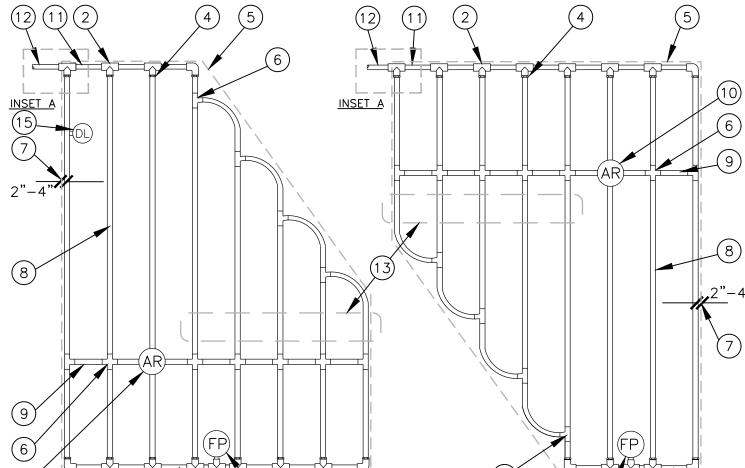
RAIN BIRD XFF-TEE (TYPICAL)

(9) TOTAL LENGTH OF SELECTED DRIPLINE SHOULD

NOT EXCEED LENGTH SHOWN IN TABLE

SEE RAIN BIRD XFS DETAILS FOR FLUSH POINT

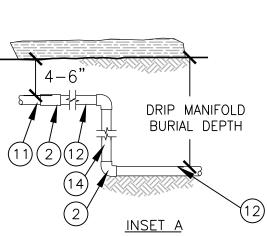
(16) DRIPLINE INDICATOR. SEE DETAIL FOR ADDT'L INFO



(1) PVC EXHAUST HEADER

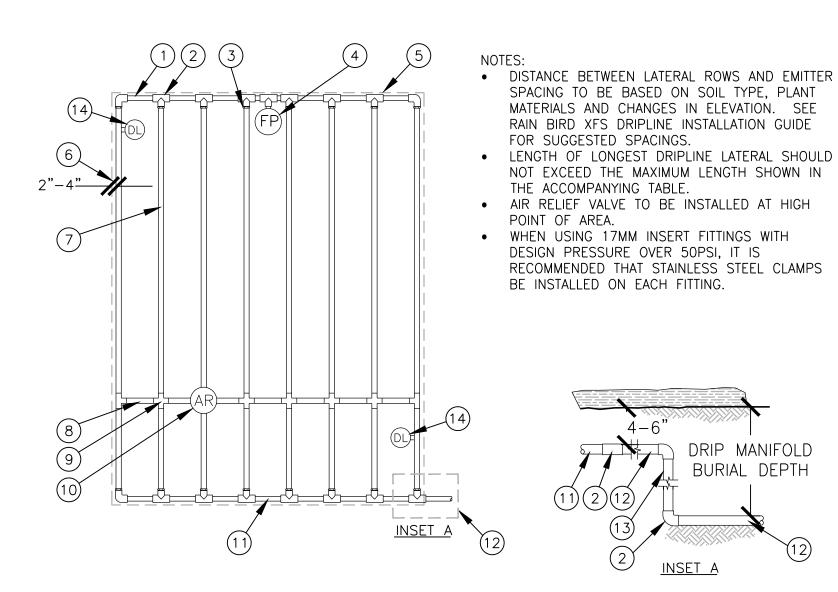
- (2) PVC SCH 40 TEE OR EL (TYPICAL)
- (3) FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE" (4)BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- (5) PERIMETER OF AREA (6) BARB X BARB INSERT TEE OR CROSS:
- RAIN BIRD XFF-TEE OR RAIN BIRD XFD-CROSS (TYPICAL)
- 7) PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA (8) SUB-SURFACE DRIPLINE:
- RAIN BIRD XF SERIES DRIPLINE (TYPICAL) POTABLE: XFS DRIPLINE NON-POTABLE: XFSP DRIPLINE 9 RAIN BIRD XF SERIES BLANK TUBING
- (10) 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARVO50 SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION
- (11) PVC SUPPLY MANIFOLD (12) PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND) 13) TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT 11 2 12
- (14) PVC SCH 40 RISER PIPE (15) DRIPLINE INDICATOR. SEE DETAIL FOR ADDT'L INFO

- DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED
- SPACINGS. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE
- ACCOMPANYING TABLE. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI. IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.



DRIPLINE IRREGULAR SHAPED LAYOUT

NOT TO SCALE



DRIPLINE ODD CURVES LAYOUT

NOT TO SCALE

- (1) PVC EXHAUST HEADER
- (2)PVC SCH 40 TEE OR EL (TYPICAL)
- (3) BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- (4) FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH
- POINT WITH BALL VALVE" (5) PERIMETER OF AREA
- (6) PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM
- PERIMETER OF AREA 7) SUB-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE (TYPICAL)
- POTABLE: XFS DRIPLINE NON-POTABLE: XFSP DRIPLINE (8) RAIN BIRD XF SERIES BLANK TUBING
- (9) BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR RAIN BIRD XFD-CROSS (TYPICAL)
- (10) 1/2" AIR RELIEF VALVE: RAIN BIRD MODEL: ARVO50 SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION (11) PVC SUPPLY HEADER
- (12) PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND) (13) PVC SCH 40 RISER PIPE
- (14) DRIPLINE INDICATOR. SEE DETAIL FOR ADDT'L INFO

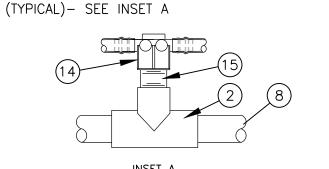
DRIP MANIFOLD

BURIAL DEPTH

XFS Dripline Maximum Lateral Lengths (Feet)											
	12" S <sub>l</sub>	pacing	18" Sp	pacing	24" Spacing						
Inlet Pressure psi	Nominal F	low (gph)	Nominal F	low (gph)	Nominal Flow (gph)						
	0.6	0.9	0.6	0.9	0.6	0.9					
15	273	1 55	314	250	424	322					
20	3 18	169	353	294	508	368					
30	360	230	413	350	586	414					
40	395	255	465	402	652	474					
50	417	285	528	420	720	488					
60	460	290	596	455	780	514					



- (2)PVC SCH 40 TEE OR EL (TYPICAL)
- (3) BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
- (4) FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFS FLUSH POINT" OR "XFS FLUSH POINT WITH BALL VALVE"
- (5) PERIMETER OF AREA
- (6) PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA (7)PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- (8) PVC SUPPLY MANIFOLD (9) CONNECTION FROM SUPPLY MANIFOLD TO DRIPLINE



(10) SUB-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE (TYPICAL) POTABLE: XFS DRIPLINE NON-POTABLE: XFSP DRIPLINE

(11) RAIN BIRD XF SERIES BLANK TUBING (12) BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR

RAIN BIRD XFD-CROSS (TYPICAL) (13) ½" AIR RELIEF VALVE: RAIN BIRD MODEL: ARVO50 SEE RAIN BIRD XFS DETAILS FOR AIR RELIEF INSTALLATION

(14) BARB X FEMALE FITTING: RAIN BIRD XFD-TFA-075 FITTING (15) 34" PVC NIPPLE, LENGTH AS NECESSARY

(16) DRIPLINE INDICATOR. SEE DETAIL FOR ADDITIONAL INFORMATION

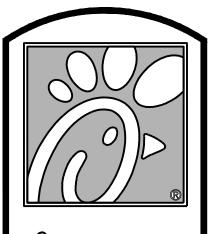
XFS [	Pripline I	Maximun	n Latera	l Length	s (Feet)	
et Pressure psi	12" Spacing Nominal Flow		18" Spacing Nominal Flow		24" Spacing	
	(aph)		(gph)		(gph)	
	0.6	0.9	0.6	0.9	0.6	0.9
15	273	1 55	3 14	250	424	322
20	318	169	353	294	508	368
30	360	230	413	350	586	414
40	395	255	465	402	652	474
50	417	285	528	420	720	488
60	460	290	596	455	780	514

1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XF-SDI DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS. 2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.

3. AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA. 4. WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

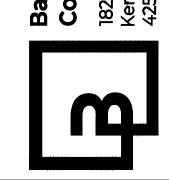
DRIPLINE CENTER FEED LAYOUT

NOT TO SCALE



5200 Buffington Rd Atlanta Georgia, 30349-2998

Revisions: |Mark Date By 1 2/19/21 TCR '-\PER SITE PLAN



LYNNWOOD FSU

19615 HWY 99

LYNNWOOD, WA **IRRIGATION** 

**DETAILS** 

**VERSION:** ISSUE DATE:

Job No. : <u>20514</u> : <u>04373</u> Store :02/19/ . TCR |Drawn By

'Checked By:<u>JMV</u> Sheet

NOT TO SCALE

DRIPLINE END FEED LAYOUT



PEDESTRIAN PLAZA CONCEPT 2020-12-15

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